APPENDIX 5C

SPECIAL CIRCUITS LISTING

FOR THE

OAK RIDGE FEDERAL

INTEGRATED COMMUNICATIONS NETWORK

MARCH 10, 1994

Appendix 5C - Special Circuits Listing - Revison 3

Introduction

Appendix 5C is comprised of two listings, 5C-1 and 5C-2. Listing 5C-1 contains records of special circuits such as alarms, badge readers, ringdown phones, and data circuits not included in listing 5C-2. Listing 5C-2 contains records of data circuits used in the System Select Network (Energy System's asynchronous terminal to host network). These listings are supplied as a representative record of the special circuits in use at Energy Systems. They are not considered to be complete. Identification and cutover of circuits will require close coordination with DOE representatives. **This revised listing contains only routing information for interbuilding circuits only, all intrabuilding circuits have been removed.**

Listing 5C-1 and 5C-2

Column A: **Main Account** - This number depicts the category of the circuit as alarm, data, metering, etc. as shown below.

M740001 - Data / SSN
M740002 - Data / non SSN
M745000 - Alarm or Metering
M746500 - Radio Circuits
M747000 - Private / Teletype
M748000 - Ringdown
M892059 - PA *
M893004 - PA *
M893005 - PA *

* These records are emergency public address (PA) circuits and can sustain only minimal downtime. A flash cutover is required for these circuits.

Column B: **Line Number** - This is the circuit identification number for the circuit. The number is truncated to 7 digits in the listing to match voice numbers and a couple of examples are shown below.

Line numbers as shown in the

Listing	and in the Field
AGD0011	88GD0011
LA97394	LAPC97394

Column C: **Action Date** - Last date any activity with this circuit was performed, i.e., year, month, date (installed, moved, changed, etc).

Column D through Column K: **Building 1, Room 1, ..Building 4, Room 4** - This information is the routing from end point to end point of the circuit. Not all circuits traverse through 4 buildings, but the listing contains a few that do.

	A	B	C	D	E	F	G	H	I	J	K
1	Main Acct.	Line Number	Active Date	Building 1	Room 1	Building 2	Room 2	Building 3	Room 3	Building 4	Room 4
2	M745000	GC11321	861217	901	SUB	4512	COMP				
3	M745000	GC16997	861217	901	SUB	4512	COMP				
4	M745000	GS18446	920310	907		2500	VAUT				
5	M748000	GL18071	920310	907	KATY	4500-N	TELE				
6	M745000	GS14733	920310	907	KATY	4500-N	TELE				
7	M740002	GD19784	861215	961	OVER	4500-N	ATV				
8	M746500	GR10035	820831	962		2500	GARD				
9	M746500	GR10036	820812	962	RADO	2500	GARD				
10	M746500	GR10037	860516	962	RADD	4512					
11	M746500	GR10038	830302	962		9706-2	PSS				
12	M746500	GR10028	820902	962		FEDERAL	B-03				
13	M746500	GR10030	820902	962		FEDERAL	B-03				
14	M746500	GR10031	820917	962	RADI	FEDERAL	B-03				
15	M746500	GR10032	820902	962	RADI	FEDERAL	B-03				
16	M746500	GR10029	821209	962		K-1650					
17	M746500	GR10033	830127	962	RADO	K-1650	CONT				
18	M746500	GR10034	821209	962		K-1650					
19	M745000	GS17478	850522	1000	208C	2500					
20	M740002	GD10568	860416	1000	204A	4500-N	ATV				
21	M745000	GD16220	910128	1000	LOBY	4500-N	ATV	2500	103	4512	112
22	M740002	GD06819	920608	1000	220C	K-1580	129				
23	M745000	GS75386	870318	1053	TRLR	2500	ZN99				
24	M745000	GD11878	911017	1503	WEST	2500	TERM				
25	M745000	AGM1001	800902	1505	180	4500	BSMT				
26	M745000	GC14341	860123	1505		4512	COMP				
27	M745000	GC18973	860121	1505		4512	COMP				
28	M740002	GD01701	900927	1505	154	7001	200A				
29	M740002	LA61952	880311	1505	109	4500-N	F004				
30	M740002	LA61524	871221	1505	121	4500-S	T002				
31	M745000	GC17163	860129	2000		4512	COMP				
32	M748000	GL10204	800902	2001	CORR	3504					
33	M745000	GC13773	811127	2001	H118	4500-N	BSMT				
34	M747000	AGT0092	821102	2001	118	4500-S	T002				
35	M747000	AGT0100	850710	2001	105	4500-S	T002				
36	M747000	AGT0101	850628	2001	R106	4500-S	T002				
37	M740002	GD13752	861212	2009	NE	4500-N	ATV				
38	M746500	GT02223	900403	2010	DINN	3017	RMZ				
39	M746500	GT03262	900402	2010	DINN	3017	RMZ				
40	M746500	GT03988	900402	2010	DINN	3017	RMZ				

	A	B	C	D	E	F	G	H	I	J	K
1	Main Acct.	Line Number	Active Date	Building 1	Room 1	Building 2	Room 2	Building 3	Room 3	Building 4	Room 4
41	M746500	GT06242	900402	2010	DINN	3017	RMZ				
42	M745000	GS86493	880720	2011		2500					
43	M745000	AGM5172	801201	2011		3105					
44	M745000	LA16360	911007	2013	5	7001	200A				
45	M740002	LA22992	930630	2013	15	7001	200A				
46	M740002	LA60079	860523	2013	120	7001	200				
47	M740002	LA84733	880922	2013	120	7001	200A				
48	M740002	LA89866	880504	2013	120	7001	200				
49	M745000	LA94698	890210	2013	124	7001	200A				
50	M745000	GS19397	860307	2016	Z-88	2500					
51	M745000	LA97394	890320	2016	WPST	2500	7				
52	M740002	LA26948	921204	2018	14	7001	200A				
53	M740002	LA63372	860523	2018	4	7001	200				
54	M745000	GS13842	860312	2024		2500					
55	M745000	GS65410	861231	2026	209	3105	EMER				
56	M745000	GC14117	860204	2026		4512	COMP				
57	M745000	GD01396	901030	2026	FRNT	4500-N	ATV	4512	TELC	2500	CTRL
58	M740002	GD64294	860423	2026	138	4500-N	ATV				
59	M740002	GD66953	860423	2026	138	4500-N	ATV				
60	M740002	GD69656	860423	2026	138	4500-N	ATV				
61	M745000	GS31077	930928	2032		3105					
62	M745000	GC12031	810204	2500		902					
63	M745000	GC13076	810218	2500		902					
64	M745000	GC13547	810204	2500	H020	902					
65	M745000	GC12040	810204	2500		1000					
66	M745000	GC12091	800902	2500	GRD	1000	207B				
67	M745000	GC13840	831101	2500	ALRM	1503					
68	M745000	GC12064	810218	2500		1505					
69	M745000	GC13738	810211	2500		2000					
70	M745000	GC12030	810130	2500		2001					
71	M745000	GC12060	810209	2500		2001					
72	M745000	GS89104	880520	2500		2007					
73	M740002	AGD3337	800902	2500	103	2026	138				
74	M745000	GC12033	810204	2500		2026					
75	M745000	GC13007	800902	2500		2026					
76	M745000	GC13839	831101	2500	ALRM	2518	231				
77	M745000	GC12026	810128	2500		2531					
78	M740002	GD12163	860430	2500	103	2606	111				
79	M745000	GC12049	810205	2500		3000					

	A	B	C	D	E	F	G	H	I	J	K
1	Main Acct.	Line Number	Active Date	Building 1	Room 1	Building 2	Room 2	Building 3	Room 3	Building 4	Room 4
80	M745000	GC12052	810206	2500		3005					
81	M748000	PL15331	850306	2500	CONT	3008	VALT				
82	M745000	GC10090	800902	2500		3010					
83	M745000	GC10091	800902	2500		3010					
84	M745000	GC12051	810205	2500		3012					
85	M745000	GC12093	800902	2500		3012					
86	M745000	GC13021	800902	2500	EMER	3012					
87	M740002	AGD3193	800902	2500		3019					
88	M740002	AGD3338	800902	2500	103	3019					
89	M740002	AGD3339	800902	2500	103	3019					
90	M745000	GC10106	931108	2500		3019					
91	M745000	GC10107	931108	2500		3019					
92	M745000	GC10108	931108	2500		3019					
93	M745000	GC13026	800902	2500		3019	GRD				
94	M745000	GC13032	800902	2500	CONT	3019					
95	M745000	GC13085	800902	2500	CONT	3019					
96	M745000	GC13528	800902	2500		3019	123				
97	M745000	GC13764	811002	2500	EMER	3019	209				
98	M745000	GC13765	811002	2500	EMER	3019	103				
99	M745000	GC13856	840503	2500		3019					
100	M745000	GS19535	850313	2500	CBNT	3019	CBUS				
101	M745000	GC10096	800902	2500		3025					
102	M745000	GC12021	810129	2500		3025					
103	M745000	GC10113	800902	2500		3028					
104	M745000	GC13790	820309	2500	ALAR	3037	SCBT				
105	M745000	GC12022	810129	2500		3042					
106	M745000	GC10092	800902	2500		3044					
107	M745000	GC10093	800902	2500		3044					
108	M745000	GC13003	800902	2500		3044	VALT				
109	M745000	GC12046	810405	2500		3086					
110	M745000	GC12037	810204	2500		3095					
111	M745000	GC12092	800902	2500	CNTR	3100	VALT				
112	M745000	GC12059	810210	2500		3127					
113	M745000	GC13016	800902	2500		3127					
114	M745000	GC13767	811002	2500	EMER	3129	GRD				
115	M745000	GC13817	821008	2500	TELE	3130					
116	M745000	GC13857	840628	2500	TELE	3137	SUPV				
117	M745000	GC10086	800902	2500	COMM	3402	CONT				
118	M745000	GC10087	800902	2500	COMM	3402	CONT				

	A	B	C	D	E	F	G	H	I	J	K
1	Main Acct.	Line Number	Active Date	Building 1	Room 1	Building 2	Room 2	Building 3	Room 3	Building 4	Room 4
119	M745000	GC13196	810211	2500		3500					
120	M740002	AGD3335	831213	2500	HDQT	3508	PANL	4508	PANL		
121	M740002	AGD3340	800902	2500	103	3508	LAB2				
122	M745000	GC10094	800902	2500		3508					
123	M745000	GC10095	800902	2500		3508					
124	M745000	GC10116	800902	2500		3508					
125	M745000	GC13006	800902	2500		3508	LAB5				
126	M745000	GC10104	800902	2500		3517					
127	M745000	GC12025	810130	2500		3517					
128	M745000	GC10088	800902	2500		3525					
129	M745000	GC10089	800902	2500		3525					
130	M745000	GC12027	810130	2500		3525					
131	M745000	GL22554	921111	2500	VAUT	3546	104				
132	M745000	GL23153	921112	2500	VAUT	3550	2				
133	M745000	GC13842	831101	2500		3606					
134	M740002	GD18336	860430	2500	103	3606	111				
135	M740002	GD66484	860430	2500	103	3606	111				
136	M745000	GS95327	890728	2500	CLST	3608	CLST				
137	M745000	GC12009	810128	2500		4500	Y17				
138	M745000	GC12010	810128	2500		4500	T18				
139	M745000	GC12011	810128	2500		4500	W2				
140	M745000	GC12012	810128	2500		4500	W1				
141	M745000	GC12013	810128	2500		4500	262				
142	M745000	GC12018	810129	2500		4500					
143	M745000	GC12019	810129	2500		4500					
144	M745000	GC12016	810129	2500		4501					
145	M745000	GC12017	810129	2500		4501					
146	M740002	AGD3341	800902	2500	103	4505					
147	M745000	GL10209	810102	2500		4505					
148	M745000	GC10099	800902	2500		4507					
149	M745000	GC10100	800902	2500		4507					
150	M745000	GC10101	800902	2500		4507					
151	M740002	AGD3342	800902	2500	103	4508	138				
152	M745000	GC10102	800902	2500		4508					
153	M745000	GC10103	800902	2500		4508					
154	M745000	GC12014	810129	2500		4508	105				
155	M745000	GC12015	810129	2500		4509					
156	M740002	GD60055	860415	2500	103	4512	EQPT				
157	M740002	GD60666	860415	2500	103	4512	EQPT				

	A	B	C	D	E	F	G	H	I	J	K
1	Main Acct.	Line Number	Active Date	Building 1	Room 1	Building 2	Room 2	Building 3	Room 3	Building 4	Room 4
158	M740002	GD62672	860423	2500	103	4512	EQPT				
159	M740002	GD63728	860423	2500	103	4512	EQPT				
160	M740002	GD64933	860415	2500	103	4512	EQPT				
161	M740002	GD65047	860415	2500	103	4512	EQPT				
162	M740002	GD65728	860415	2500	103	4512	EQPT				
163	M740002	GD69574	860415	2500	103	4512	EQPT				
164	M746500	GR10021	860516	2500	TEL	4512					
165	M746500	GR10022	860516	2500	TELE	4512					
166	M746500	GR10023	860516	2500	TELE	4512					
167	M746500	GR10024	860516	2500	TELE	4512					
168	M746500	GR10025	860516	2500	TELE	4512					
169	M746500	GR10026	860516	2500	TELE	4512					
170	M746500	GR10027	860516	2500	TELE	4512					
171	M745000	GS12124	860311	2500		4512					
172	M745000	GC13030	800902	2500	CONT	5000					
173	M745000	GC12032	810130	2500		5500					
174	M745000	GC12054	810206	2500		5505					
175	M745000	GC13031	800902	2500	CONT	5553					
176	M745000	AGM5196	801103	2500		6000					
177	M745000	GC12008	810128	2500		6000	C200				
178	M745000	GC12028	810130	2500		6000					
179	M745000	AGM5195	800902	2500		6010					
180	M745000	GC12055	810206	2500		6010					
181	M745000	GC12095	800902	2500		6010	14				
182	M745000	GC13000	800902	2500		6010	2FLR				
183	M745000	GS13965	910404	2500	RMKS	6012	RMKS				
184	M745000	GC12038	810211	2500		7001					
185	M745000	GC12047	810205	2500		7001					
186	M745000	GC12048	810205	2500		7001					
187	M745000	GC12056	810206	2500		7001					
188	M745000	GC12041	810205	2500		7002					
189	M745000	GC12039	810204	2500		7003					
190	M745000	GC12042	810205	2500		7007					
191	M745000	GC12043	810205	2500		7009					
192	M745000	GC12044	810205	2500		7012					
193	M745000	GC12006	810128	2500		7013	4				
194	M745000	GS12440	911127	2500		7040					
195	M745000	GS15000	911107	2500		7040					
196	M745000	GL19211	910522	2500	TELE	7077	NOEA				

	A	B	C	D	E	F	G	H	I	J	K
1	Main Acct.	Line Number	Active Date	Building 1	Room 1	Building 2	Room 2	Building 3	Room 3	Building 4	Room 4
197	M745000	GC12002	810128	2500		7503					
198	M745000	GC12001	810128	2500		7506					
199	M745000	GC13033	800902	2500	CONT	7568					
200	M745000	GC12062	810210	2500		7601					
201	M745000	GC13867	840620	2500	TELE	7601	TELE				
202	M745000	GC10114	800902	2500		7604					
203	M745000	GC12061	810210	2500		7606					
204	M745000	GC12000	810202	2500		7702					
205	M745000	GC12058	810206	2500		7702					
206	M740002	AGD3343	800902	2500	103	7709					
207	M745000	GC13001	800902	2500	ORRT	7709					
208	M745000	GC10112	800902	2500		7710					
209	M745000	GC12005	810128	2500		7710	109				
210	M745000	GC13740	810315	2500	GRD	7740	MNTR				
211	M745000	GC13741	810415	2500	GRD	7740	MNTR				
212	M746500	GR10001	850204	2500		7740					
213	M745000	GC13002	800902	2500	CONT	7751	P22				
214	M745000	GC10097	800902	2500		7900					
215	M745000	GC10098	800902	2500		7900					
216	M745000	GC12003	810128	2500		7900	102B				
217	M745000	GC12004	810128	2500		7900	102B				
218	M745000	GS87445	881003	2500	Z108	7910	STOR				
219	M740002	AGD3344	810802	2500	103	7920	110				
220	M745000	GC10109	800902	2500		7930					
221	M745000	GC10110	800902	2500		7930					
222	M745000	GC10111	800902	2500		7930					
223	M745000	GC12053	810206	2500		7930					
224	M745000	GC13034	800902	2500	CONT	7954	P23				
225	M745000	GS83159	880520	2500		7962					
226	M740002	D500400	930128	2500	103	9103	129				
227	M745000	GD05261	900504	2500	CLOS	9117	140				
228	M745000	GC10105	800902	2500		9720					
229	M745000	GC12035	810204	2500		45075					
230	M748000	GL10033	800902	2500		119 MWY					
231	M748000	GL10034	800902	2500		119 MWY					
232	M748000	GL10035	800902	2500		119 MWY					
233	M745000	CS06903	900809	2500	FRE	2652-A	TRLR				
234	M745000	GC12034	810204	2500		3019-5					
235	M745000	GC13022	800902	2500		3038-U					

	A	B	C	D	E	F	G	H	I	J	K
1	Main Acct.	Line Number	Active Date	Building 1	Room 1	Building 2	Room 2	Building 3	Room 3	Building 4	Room 4
236	M745000	GC12024	810129	2500		3047-5					
237	M740002	AGD4683	811002	2500	103	4500-N	EQIP	2026	138	3129	PERS
238	M745000	GC11024	820802	2500		4500-N	BSMT				
239	M745000	GC12063	810210	2500		4500-N					
240	M745000	GC12094	800902	2500		4500-N	205H				
241	M745000	GC13027	800902	2500	DISP	4500-N	H205				
242	M745000	GC13826	830311	2500	GARD	4500-N	J235				
243	M740002	GD11864	860415	2500	103	4500-N	ATV				
244	M740002	GD60803	860415	2500	103	4500-N	ATV				
245	M740002	GD61115	860415	2500	103	4500-N	ATV				
246	M740002	GD61120	860425	2500	103	4500-N	EQPT				
247	M740002	GD61196	860415	2500	103	4500-N	ATV				
248	M740002	GD61734	860425	2500	103	4500-N	ATV				
249	M740002	GD66454	860425	2500	103	4500-N	ATV				
250	M740002	GD68048	860501	2500	103	4500-N	ATV				
251	M740002	GD68181	860423	2500	103	4500-N	ATV				
252	M740002	GD68321	860415	2500	103	4500-N	ATV				
253	M740002	GD68653	860415	2500	103	4500-N	ATV				
254	M745000	GS32936	930202	2500	CTRL	4500-N	K233				
255	M745000	GS36802	930202	2500	VAUL	4500-N	A-10				
256	M740002	GS37280	930202	2500	VAUT	4500-N	WING				
257	M745000	GS65067	860627	2500	103	4500-N	ATV				
258	M745000	GS98234	890706	2500	112	4500-N	ATDL				
259	M740002	LA63656	861208	2500	PNL	4500-N	ATV				
260	M740002	LA64938	861208	2500	PNL	4500-N	ATV				
261	M740002	LA68253	861208	2500	PNL	4500-N	ATV				
262	M740002	LA68332	861208	2500	PNL	4500-N	ATV				
263	M745000	GC12036	880425	2500		7964-A	TRLR				
264	M745000	GS82566	881130	2500	114	7964-C	TRLR				
265	M745000	GS06127	900424	2500	FRE	7965-A	TRLR				
266	M740002	D500401	930128	2500	103	K-1652	125				
267	M745000	GC13595	810429	2500		K-303-7					
268	M740002	AGD4684	811002	2500	103	SCBCO	C.O.	4505	BSMT	4508	138
269	M740002	AGD4685	821102	2500	103	SCBCO	C.O.	7709	REAC	7920	110
270	M740002	AGD4698	811002	2500	103	SCBCO	EQPT	2026	138	3129	PERS
271	M740002	AGD4699	811002	2500	103	SCBCO	C.O.	4505	BSMT	4508	138
272	M740002	AGD4700	811002	2500	103	SCBCO	C.O.	7709	REAC	7920	110
273	M745000	GC12007	810128	2500		SUB-STA	ELEC				
274	M745000	GC12029	810130	2500		VAL C.5					

	A	B	C	D	E	F	G	H	I	J	K
1	Main Acct.	Line Number	Active Date	Building 1	Room 1	Building 2	Room 2	Building 3	Room 3	Building 4	Room 4
275	M740002	LA84495	880504	2506	102	4500-N	270				
276	M747000	AGT0112	880331	2506	116A	4500-S	T002				
277	M747000	AGT0114	881213	2506	119	4500-S	T002				
278	M740002	GT31507	930609	2518	107	2018	1				
279	M740002	GD12289	910401	2518	TELE	4500-S	T002				
280	M745000	GC12065	800902	2519		902					
281	M745000	GC12070	810218	2519		2500					
282	M745000	AGM1000	820902	2519	B118	3105					
283	M745000	GC11136	860206	2519		4512	COMP				
284	M745000	GC11634	860206	2519		4512	COMP				
285	M745000	GC12067	800902	2519		7000					
286	M745000	GC12068	800902	2519		7000					
287	M745000	GC12071	800902	2519		7000					
288	M740002	LA34051	930609	2519	102	7001	200A				
289	M740002	LA81184	880408	2519	SILO	7001	200				
290	M745000	AGM5114	800902	2519		7500					
291	M745000	AGM5115	800902	2519		7500					
292	M745000	GC13077	800902	2519		RESCNT					
293	M745000	GC13078	800902	2519		RESCNT					
294	M745000	GC13079	800902	2519		RESCNT					
295	M745000	GC13080	800902	2519		RESCNT					
296	M745000	GC13081	800902	2519		RESCNT					
297	M740002	GD16725	850129	2521	UPST	3105					
298	M740002	GD18924	841226	2521		3105					
299	M745000	GC13548	800902	2525	122A	2500					
300	M745000	GS10190	860307	2525	Z-87	2500					
301	M740002	LA66383	860523	2525	125	7001	200				
302	M745000	LA94011	890303	2525	128	4500-N	ATV				
303	M745000	GC12057	920102	2528	1	2500					
304	M745000	GC10589	860120	2531		4512	COMP				
305	M745000	GC13047	860120	2531		4512	COMP				
306	M745000	GC13397	860120	2531		4512	COMP				
307	M745000	GC19938	860120	2531		4512	COMP				
308	M745000	GD00378	920612	2531	SE	4500-N	ATV	4512	TELE	2500	CNTL
309	M745000	GS75172	870127	2547	Z 94	2500	TELE				
310	M740002	LA81745	880523	2547	2	2518	224				
311	M740002	LA63756	861231	2547	102	7001	200				
312	M745000	GC13825	830310	2621		2500					
313	M745000	GC15818	821101	2621		2500					

	A	B	C	D	E	F	G	H	I	J	K
1	Main Acct.	Line Number	Active Date	Building 1	Room 1	Building 2	Room 2	Building 3	Room 3	Building 4	Room 4
314	M746500	GT98867	900731	2621	2	4512	103				
315	M745000	GC10645	861124	2632	SUB	4512	COMP				
316	M745000	GC65623	861124	2632	SUB	4512	COMP				
317	M745000	GC13500	800902	2632		5000					
318	M745000	GS94998	890705	2640	6	2500	103				
319	M748000	GL07765	901008	2644		4500-N	BASE				
320	M745000	GS00870	901008	2644		4500-N	BASE				
321	M745000	GS95964	890728	2714	BREZ	FEDERAL	CLST				
322	M745000	GC12325	860210	3000	SUB	4512	COMP				
323	M745000	GC16906	860210	3000	SUB	4512	COMP				
324	M745000	GC12020	911104	3001	OPEN	2500					
325	M745000	GS00540	900321	3001		3105					
326	M745000	GS02439	900321	3001		3105					
327	M745000	GS03376	900321	3001		3105					
328	M746500	GR14205	911007	3001	207	3130	WOCC				
329	M740002	LA72006	881025	3001	112	3500	B023				
330	M746500	RT04960	900409	3001	207	4512	COMP				
331	M745000	GS06837	900320	3002	CRNR	3001					
332	M745000	GS78438	870226	3003	Z 98	2500	TELE				
333	M740002	LA66632	861001	3005	B023	3500	23				
334	M745000	GC10118	860205	3005		4512	COMP				
335	M740002	LA18993	910121	3005	EAST	7001	200A				
336	M740002	GD14896	860430	3008		4500-N	ATV				
337	M740002	LA79445	900731	3010	103	3500	B023				
338	M740002	LA80090	900628	3010	210	3500	B023				
339	M740002	LA96749	901012	3010	202	3500	B023				
340	M745000	GC14282	860207	3010		4512	COMP				
341	M745000	GC19644	860207	3010		4512	COMP				
342	M745000	GC19997	860207	3010		4512	COMP				
343	M740002	GD15220	920728	3010	BAY	4500-N	ATV				
344	M745000	GC18935	860212	3012		4512	COMP				
345	M746500	GR10011	820812	3017	MEZZ	2500	TELE				
346	M746500	GR10012	820812	3017	MEZZ	2500	TELE				
347	M746500	GR10013	820812	3017	MEZZ	2500	TELE				
348	M746500	GR10014	820812	3017	MEZZ	2500	TELE				
349	M746500	GS86969	880622	3017	RADO	2500					
350	M746500	GR10015	860516	3017	MEZZ	4512					
351	M746500	GR10016	860516	3017	MEZZ	4512					
352	M746500	GR10017	860516	3017	MEZZ	4512					

	A	B	C	D	E	F	G	H	I	J	K
1	Main Acct.	Line Number	Active Date	Building 1	Room 1	Building 2	Room 2	Building 3	Room 3	Building 4	Room 4
353	M746500	GR10018	860516	3017	MEZZ	4512					
354	M746500	GR10019	860516	3017	MEZZ	4512					
355	M746500	GR10020	860516	3017	MEZZ	4512					
356	M745000	AGM5199	800902	3019		2500					
357	M745000	GC13515	800902	3019	502	2500					
358	M745000	GC13516	800902	3019		2500					
359	M745000	GC13517	800902	3019	211	2500					
360	M745000	GC13518	800902	3019	303A	2500					
361	M745000	GC13519	800902	3019		2500					
362	M745000	GS85959	880519	3019	11	2500	GDHS				
363	M748000	GL10482	850801	3019	131	3019	129	POST	8D		
364	M745000	CS61904	861103	3019	SHOP	4512	COMP				
365	M745000	GC11957	860210	3019		4512	COMP				
366	M745000	GC14478	860211	3019		4512	COMP				
367	M745000	GS63861	861103	3019	SHOP	4512	COMP				
368	M740002	GD60002	860424	3019	EQPT	4500-N	ATV				
369	M740002	GD64059	860424	3019	EQPT	4500-N	ATV				
370	M740002	GD67689	860424	3019	EQPT	4500-N	ATV				
371	M745000	GC14980	860203	3025		4512	COMP				
372	M740002	LA06486	900222	3026	C023	3500	B023				
373	M745000	GC13514	800902	3027		2500					
374	M745000	GC13777	820125	3027	VALT	3105	WSTE				
375	M745000	GC13412	860221	3028		4512	COMP				
376	M745000	GS10673	851024	3034		2500					
377	M740002	LA14524	871104	3037	206	3036					
378	M740002	GD11249	860421	3037	201	4500-N	ATV				
379	M745000	AGM5151	800902	3038		3039					
380	M740002	GS12106	850107	3042	CTRL	3105	1				
381	M740002	GS12107	850107	3042	CTRL	3105	1				
382	M745000	GC12628	860207	3042		4512	COMP				
383	M745000	GC15282	860207	3042		4512	COMP				
384	M745000	GC16401	860207	3042		4512	COMP				
385	M745000	GS60607	861203	3042		4512	COMP				
386	M745000	GC15153	860310	3047		4512	COMP				
387	M745000	GD85753	880519	3047	220B	4500-N	ATV				
388	M740002	AGD2480	830526	3082		3019					
389	M745000	GC13303	840810	3082		3019					
390	M745000	GC13304	840807	3082		3019					
391	M745000	GC13305	840810	3082		3019					

	A	B	C	D	E	F	G	H	I	J	K
1	Main Acct.	Line Number	Active Date	Building 1	Room 1	Building 2	Room 2	Building 3	Room 3	Building 4	Room 4
392	M745000	GC13306	840810	3082		3019					
393	M745000	GC13307	840810	3082		3019					
394	M745000	GC13308	840810	3082		3019					
395	M745000	GC13309	840810	3082		3019					
396	M745000	GC13310	840807	3082		3019					
397	M740002	AGD2473	860226	3082		4512	COMP				
398	M740002	AGD2474	860124	3082		4512	COMP				
399	M740002	AGD2475	860226	3082		4512	COMP				
400	M740002	AGD2476	860226	3082		4512	COMP				
401	M740002	AGD2477	860226	3082		4512	COMP				
402	M740002	AGD2478	860226	3082		4512	COMP				
403	M740002	AGD2479	860226	3082		4512	COMP				
404	M745000	GC12230	860120	3082		4512	COMP				
405	M745000	GC13382	860120	3082		4512	COMP				
406	M745000	GC16740	860120	3082		4512	COMP				
407	M745000	GC19036	860120	3082		4512	COMP				
408	M745000	GC13525	800902	3085	EQUI	2500	EMER				
409	M740002	LA65629	900316	3104	3	7001	200				
410	M745000	GC13435	800902	3105		1504					
411	M745000	GC13405	800902	3105		1505					
412	M745000	GC15741	800902	3105		2010	KITC				
413	M740002	AGD2497	830526	3105		2026					
414	M745000	GC13311	800902	3105		2026					
415	M745000	GC13313	800902	3105		2026					
416	M745000	GC13314	800902	3105		2026					
417	M745000	GC13315	800902	3105		2026					
418	M745000	GC13317	800902	3105		2026					
419	M745000	GC13318	800902	3105		2026					
420	M745000	GC13319	800902	3105		2026					
421	M745000	GC13265	800902	3105		2500					
422	M745000	GC13288	800902	3105		3010					
423	M745000	GC13232	800902	3105		3028					
424	M740002	GD12693	841220	3105	MUX	3028	CONT				
425	M745000	GC13446	800902	3105		3033					
426	M745000	GC11753	851115	3105		3037	POLE				
427	M745000	GC13197	800902	3105		3037					
428	M745000	GC13198	800902	3105		3037					
429	M745000	GC13199	800902	3105		3037					
430	M745000	GS17165	851125	3105		3037	POLE				

	A	B	C	D	E	F	G	H	I	J	K
1	Main Acct.	Line Number	Active Date	Building 1	Room 1	Building 2	Room 2	Building 3	Room 3	Building 4	Room 4
431	M745000	GC13284	800902	3105		3047					
432	M745000	GC13226	800902	3105		3127					
433	M745000	GC13244	800902	3105		3500					
434	M745000	GC13247	800902	3105		3508					
435	M745000	GC13269	800902	3105		3517					
436	M745000	GC13279	800902	3105		3517					
437	M745000	GC13287	800902	3105		3517					
438	M745000	GS18972	850805	3105		3517	MNHL				
439	M745000	GC13442	800902	3105		3544					
440	M745000	GC13443	800902	3105		3544					
441	M745000	GS73085	880111	3105		3544					
442	M745000	GS75799	880111	3105		3544					
443	M745000	GS85320	880415	3105		3544					
444	M745000	GS86458	880415	3105		3544					
445	M745000	GC13275	800902	3105		4500	A54				
446	M745000	GC13285	800902	3105		4500	H251				
447	M745000	GC13286	800902	3105		4500	H251				
448	M745000	GC13248	800902	3105		4507					
449	M745000	AGS0001	841213	3105		4508	136				
450	M745000	GC13276	800902	3105		4508					
451	M740002	AGD2465	860125	3105		4512	COMP				
452	M740002	AGD2466	860226	3105		4512	COMP				
453	M740002	AGD2467	860226	3105		4512	COMP				
454	M740002	AGD2468	860226	3105		4512	COMP				
455	M740002	AGD2469	860226	3105		4512	COMP				
456	M740002	AGD2470	860226	3105		4512	COMP				
457	M740002	AGD2471	860226	3105		4512	COMP				
458	M740002	AGD2481	860226	3105		4512	COMP				
459	M740002	AGD2482	860226	3105		4512	COMP				
460	M740002	AGD2483	931026	3105		4512	COMP				
461	M740002	AGD2484	860226	3105		4512	COMP				
462	M740002	AGD2485	860226	3105		4512	COMP				
463	M740002	AGD2486	860226	3105		4512	COMP				
464	M740002	AGD2487	860226	3105		4512	COMP				
465	M740002	AGD2488	860226	3105		4512	COMP				
466	M740002	AGD2489	860226	3105		4512	COMP				
467	M740002	AGD2490	860226	3105		4512	COMP				
468	M740002	AGD2491	860226	3105		4512	COMP				
469	M740002	AGD2493	860226	3105		4512	COMP				

	A	B	C	D	E	F	G	H	I	J	K
1	Main Acct.	Line Number	Active Date	Building 1	Room 1	Building 2	Room 2	Building 3	Room 3	Building 4	Room 4
470	M740002	AGD2494	860226	3105		4512	COMP				
471	M740002	AGD2495	860226	3105		4512	COMP				
472	M740002	AGD2496	860226	3105		4512	COMP				
473	M745000	GC10582	860120	3105		4512	COMP				
474	M745000	GC13783	860120	3105		4512	COMP				
475	M745000	GC14237	860202	3105		4512	COMP				
476	M745000	GC14848	860120	3105		4512	COMP				
477	M745000	GC16909	860120	3105		4512	COMP				
478	M745000	GC17178	860120	3105		4512	COMP				
479	M745000	GC18507	860120	3105		4512	COMP				
480	M745000	GC18881	860120	3105		4512	COMP				
481	M740002	AGD2498	830608	3105		6010					
482	M745000	GC13283	800902	3105		6010					
483	M745000	GC13300	800902	3105		6010					
484	M745000	GC13360	800902	3105		6010					
485	M745000	GC13419	800902	3105		6010					
486	M745000	GC13420	800902	3105		6010					
487	M745000	GC13421	800902	3105		6010					
488	M745000	GC13436	800902	3105		6010					
489	M745000	GC13815	831027	3105		7038	TRLR				
490	M745000	GC13816	831027	3105		7038	TRLR				
491	M745000	GC13262	800902	3105		7500					
492	M745000	GC13444	800902	3105		7500					
493	M740002	AGD2499	850919	3105		7503	BSMT				
494	M745000	GC13233	800902	3105		7503					
495	M745000	GC13320	850919	3105		7503	BSMT				
496	M745000	GC13321	850919	3105		7503	BSMT				
497	M745000	GC13322	850919	3105		7503	BSMT				
498	M745000	GC13325	850919	3105		7503	BSMT				
499	M745000	GC13326	850919	3105		7503	BSMT				
500	M745000	GC13327	850919	3105		7503	BSMT				
501	M745000	GC13328	850919	3105		7503	BSMT				
502	M745000	GC13330	850919	3105		7503	BSMT				
503	M745000	GC13331	850919	3105		7503	BSMT				
504	M745000	GC13332	850919	3105		7503	BSMT				
505	M745000	GC13423	850919	3105		7503	BSMT				
506	M745000	GC13222	800902	3105		7567					
507	M745000	GC13240	800902	3105		7567					
508	M745000	GC13253	800902	3105		7567					

	A	B	C	D	E	F	G	H	I	J	K
1	Main Acct.	Line Number	Active Date	Building 1	Room 1	Building 2	Room 2	Building 3	Room 3	Building 4	Room 4
509	M745000	GC13254	800902	3105		7567					
510	M745000	GC13598	810102	3105		7569					
511	M745000	GC13394	800902	3105		7603					
512	M745000	GC13821	830106	3105	CLST	7860	CLST				
513	M745000	GC13437	800902	3105		7900					
514	M745000	GC13221	800902	3105		7930					
515	M745000	GC13228	800902	3105		7930					
516	M745000	GC13546	800902	3105		7930	212				
517	M745000	GC13263	800902	3105		3026-C					
518	M745000	GC13390	800902	3105		LAGOON					
519	M745000	GC13391	800902	3105		LAGOON					
520	M740002	AGD2841	831125	3105	TEL	STA-4	STRM				
521	M740002	AGD2826	830909	3105	EQUP	STA4					
522	M740002	AGD2827	830909	3105	EQUP	STA4					
523	M740002	AGD2828	830909	3105	EQUP	STA4					
524	M740002	AGD2829	830909	3105	EQUP	STA4					
525	M740002	AGD2830	830909	3105	EQUP	STA4					
526	M740002	AGD2831	830909	3105	EQUP	STA4					
527	M740002	AGD2832	830909	3105	EQUP	STA4					
528	M740002	AGD2833	830909	3105	EQUP	STA4					
529	M740002	AGD2835	830909	3105	EQUP	STA4					
530	M740002	AGD2836	830909	3105	EQUP	STA4					
531	M740002	AGD2837	830909	3105	EQUP	STA4					
532	M740002	AGD2838	830909	3105	EQUP	STA4					
533	M740002	AGD2839	830909	3105	EQUP	STA4					
534	M745000	GC13225	800902	3105		WO BRDG					
535	M745000	LA96790	890428	3111		2500	CNTL				
536	M745000	GC16595	860204	3125		4512	COMP				
537	M740002	GD63520	861125	3129	EQPT	4500-N	ATV				
538	M740002	GD68539	861125	3129	EQPT	4500-N	ATV				
539	M740002	GD69889	861125	3129	EQPT	4500-N	ATV				
540	M740002	AGD0575	840312	3130	PANL	2531	CON3				
541	M740002	AGD2806	830902	3130		2531	DC03				
542	M740002	AGD2807	830902	3130		2531	DC03				
543	M740002	AGD2808	830902	3130		2531	DC03				
544	M740002	AGD2809	830902	3130		2531	DC03				
545	M745000	LA82438	881115	3130	202	3001					
546	M740002	AGD0572	840229	3130	PNL	3082	COL				
547	M740002	AGD2802	830902	3130		3082	DC02				

	A	B	C	D	E	F	G	H	I	J	K
1	Main Acct.	Line Number	Active Date	Building 1	Room 1	Building 2	Room 2	Building 3	Room 3	Building 4	Room 4
548	M740002	AGD2803	830902	3130		3082	DC02				
549	M740002	AGD2804	830902	3130		3082	DC02				
550	M740002	AGD2805	830902	3130		3082	DC02				
551	M740002	AGD2799	830902	3130		3105	DC01				
552	M740002	AGD2801	830902	3130		3105	DC01				
553	M740002	AGD2815	830902	3130		3105	DC05				
554	M740002	AGD2817	830902	3130		3105	DC-5				
555	M740002	AGD0588	910523	3130	102	3500	B023				
556	M740002	AGD0573	840229	3130	PNL	3502	COL				
557	M740002	AGD2810	830902	3130		3502	DC04				
558	M740002	AGD2811	830902	3130		3502	DC04				
559	M740002	AGD2812	830902	3130		3502	DC04				
560	M740002	AGD2813	830902	3130		3502	DC04				
561	M745000	GC12655	860202	3130		4512	COMP				
562	M745000	GC14244	860120	3130		4512	COMP				
563	M740002	AGD0574	840301	3130	PANL	7911	CON6				
564	M740002	AGD2818	830902	3130		7922	DC06				
565	M740002	AGD2819	830801	3130		7922	DC06				
566	M740002	AGD2820	830902	3130		7922	DC06				
567	M740002	AGD2821	830902	3130		7922	DC06				
568	M740002	AGD0576	840301	3130	PANL	STA-4	CON7				
569	M740002	AGD2822	830902	3130		STA4	DC07				
570	M740002	AGD2823	830902	3130		STA4	DC07				
571	M740002	AGD2824	830902	3130		STA4	DC07				
572	M740002	AGD2825	830902	3130		STA4	DC07				
573	M745000	GC12820	860219	3131		4512	COMP				
574	M745000	GC16001	860211	3132		4512	COMP				
575	M745000	GS79954	870123	3144	Z 93	2500	TELE				
576	M745000	CS68950	861106	3146	SHAK	4512	COMP				
577	M745000	GS81291	880720	3147		2500					
578	M748000	GL88287	880622	3147	COM	4500-N	BSMT				
579	M745000	GS83590	880622	3147	COM	4500-N	BSMT				
580	M745000	GC13506	800902	3500		2500					
581	M740002	LA00072	900710	3500	B023	2519	SHOP				
582	M740002	AGD1708	860617	3500	B023	3001	112				
583	M740002	AGD1705	860617	3500	B023	6000	108				
584	M740002	LA88689	880624	3500	38	7001	COMP				
585	M740002	AGD3317	860617	3500	B023	7606	2				
586	M740002	AGD1704	860618	3500	B023	3026-C	23				

	A	B	C	D	E	F	G	H	I	J	K
1	Main Acct.	Line Number	Active Date	Building 1	Room 1	Building 2	Room 2	Building 3	Room 3	Building 4	Room 4
587	M740002	AGD2925	840517	3500	B023	4500-N	K137				
588	M892059	GL73935	870620	3500		4500-N	BSMT				
589	M740002	AGD1706	860617	3500	B023	4500-S	S248				
590	M740002	AGD1707	860617	3500	B023	4500-S	C54				
591	M747000	AGT0123	821102	3500	14	4500-S	T002				
592	M745000	AGM5183	800902	3501		2519					
593	M745000	GC11220	860121	3502		4512	COMP				
594	M745000	GC11228	860121	3502		4512	COMP				
595	M745000	GC16235	860121	3502		4512	COMP				
596	M745000	GC16607	860121	3502		4512	COMP				
597	M740002	LA67081	860521	3502	OFFC	7001	200				
598	M748000	GL24553	920310	3504		4500-N	VAUT				
599	M745000	GS25694	920310	3504		4500-N	VAUT				
600	M740002	AGD2614	860226	3505	DC-3	4512	COMP				
601	M740002	AGD2615	860226	3505	DC3	4512	COMP				
602	M745000	GS72337	870123	3508	Z 95	2500	TELE				
603	M740002	GL12741	851205	3508	B001	2518	213				
604	M746500	GT67243	860625	3508	B001	3017	D				
605	M745000	GC14026	860205	3508		4512	COMP				
606	M746500	GR16030	910829	3508	A001	7740	TRAN				
607	M740002	GD61422	860423	3508	EQPT	4500-N	ATV				
608	M740002	GD61944	860423	3508	EQPT	4500-N	ATV				
609	M740002	GD63360	860423	3508	EQPT	4500-N	ATV				
610	M745000	GS62592	861210	3508	6	4500-N	ATV				
611	M745000	GC13270	850302	3517		4505	18				
612	M745000	GC13800	820625	3520		3507	TRLR				
613	M745000	AGM5203	800902	3524		PWT					
614	M745000	GD10270	910401	3525	READ	2500	TELE	4512	TELE		
615	M740002	AGD4747	870520	3525	106	3033	ANNX				
616	M745000	GC12402	860206	3525		4512	COMP				
617	M745000	GS84615	880616	3525	TERM	3026-C	2				
618	M745000	GS88884	880616	3525	TERM	3026-C	2				
619	M745000	GS19718	910912	3525	128	4500-N	ATV				
620	M745000	GD07857	901022	3544	WEST	4500-N	ATV	4512	TELE	2500	CNTR
621	M740002	LA60813	880125	3546	112	7001	COMP				
622	M740002	LA90648	890216	3546	112	7001	COMP				
623	M892059	GL72926	870221	3546		4500-N	BSMT				
624	M745000	GC13748	810303	3550		3105	DAM				
625	M740002	AGD4869	910605	3550	14	3500	MUX				

	A	B	C	D	E	F	G	H	I	J	K
1	Main Acct.	Line Number	Active Date	Building 1	Room 1	Building 2	Room 2	Building 3	Room 3	Building 4	Room 4
626	M746500	GR11592	911007	3550	15	4512	COMP				
627	M740002	GD14050	920410	3550	17-B	7001	RECV				
628	M740002	GD14788	920410	3550	20-B	7001	RECV				
629	M740002	LA14703	860218	3550	015A	7001	COMP				
630	M740002	LA80067	920410	3550	20-0	7001	COMP				
631	M745000	LA87032	881104	3550	11	4500-N	270				
632	M740002	LA99316	890228	3587		3500	B023				
633	M892059	GL71570	870221	3587		4500-N	BSMT				
634	M745000	GS33884	930707	3587	BAY	4500-N	ATV				
635	M745000	GC11814	860206	3598		4512	COMP				
636	M740002	GD05827	900717	3606	101	2500	103				
637	M892059	GL71306	870221	3606		4500-N	BSMT				
638	M745000	GD01675	901023	3608	S.E.	4500-N	ATV	4512	TELE	2500	CNTR
639	M748000	GL06848	900227	3608		4500-N	TELE				
640	M745000	GS02449	900227	3608		4500-N	TELE				
641	M745000	GC10064	800902	4500	H251	7500					
642	M745000	GC10065	800902	4500	H251	7500					
643	M745000	GC10066	800902	4500	H251	7503					
644	M745000	GC10067	800902	4500	H251	7503					
645	M745000	GC10076	800902	4500	H251	CHEYENN					
646	M745000	GC10015	800902	4500	H251	MIDWAY					
647	M745000	GC10068	800902	4500	H251	PUMPING					
648	M745000	GC10069	800902	4500	H251	PUMPING					
649	M745000	GC10071	800902	4500	H251	PUMPING					
650	M745000	GC10077	800902	4500	H251	PUMPING	STA				
651	M745000	GL13186	800902	4500	H251	WASTE					
652	M745000	GC15925	860124	4501		4512	COMP				
653	M740002	GD17945	860502	4501	BSMT	4500-N	ATV				
654	M747000	AGT0247	910312	4501	222	4500-S	T002				
655	M745000	GC11447	860206	4507		4512	COMP				
656	M748000	GL92710	890809	4508	145A	2500	CNTL				
657	M748000	GL98192	890809	4508	136	2500	CNTL				
658	M745000	GC12189	860205	4508		4512	COMP				
659	M740002	LA12025	910321	4508	106C	7001	COMP				
660	M740002	GD14981	860417	4508	106	4500-N	ATV				
661	M740002	GD19251	860418	4508	127	4500-N	ATV				
662	M740002	GD61466	860418	4508	138	4500-N	ATV				
663	M740002	GD62840	860418	4508	138	4500-N	ATV				
664	M740002	GD63086	860418	4508	138	4500-N	ATV				

	A	B	C	D	E	F	G	H	I	J	K
1	Main Acct.	Line Number	Active Date	Building 1	Room 1	Building 2	Room 2	Building 3	Room 3	Building 4	Room 4
665	M740002	GS98877	890530	4508	145A	4500-N	VAUT				
666	M745000	GS99498	890918	4508	136	4500-N	ATV				
667	M745000	GC11641	860207	4509		4512	COMP				
668	M745000	GC18246	860206	4509		4512	COMP				
669	M748000	GL23252	920228	4509		4500-N	VALT				
670	M745000	GS24723	920228	4509		4500-N	VALT				
671	M740002	LA83781	880329	4509	TERM	4500-N	BSMT				
672	M745000	GC10169	860225	4512	COMP	1505					
673	M745000	GC10154	860226	4512	COMP	2000					
674	M745000	GC10155	860226	4512	COMP	2026					
675	M745000	GS20021	920909	4512		2026	MUX				
676	M745000	GS20159	920909	4512		2026	MUX				
677	M745000	GD28957	920728	4512	COMP	2500	COMP	3517	SEDR		
678	M745000	GS72225	871009	4512	112	2500	COM				
679	M745000	GS74416	871118	4512	112	2500	CNTL				
680	M745000	GS75372	870127	4512		2500	TELE				
681	M745000	GS71770	870127	4512	COMP	3000					
682	M745000	GS72430	870129	4512	COMP	3000					
683	M745000	GC10171	860226	4512	COMP	3005					
684	M745000	GC10153	860226	4512	COMP	3019					
685	M745000	GS74132	870211	4512	COMP	3019					
686	M745000	GS74388	870211	4512		3019					
687	M745000	GS76198	870205	4512	COMP	3019					
688	M745000	GS78562	870205	4512	COMP	3019					
689	M745000	GC10168	860226	4512	COMP	3047	10				
690	M745000	GC10167	860226	4512	COMP	3125					
691	M745000	GC13599	860225	4512	COMP	3131					
692	M745000	GC13600	860225	4512	COMP	3132					
693	M745000	GC10152	860226	4512	COMP	3598					
694	M740002	GD13578	860430	4512	EQPT	3606	111				
695	M740002	GD15007	860430	4512	EQPT	3606	111				
696	M740002	GD61655	860430	4512	EQPT	3606	111				
697	M745000	GC10151	860226	4512	COMP	4501					
698	M740002	AGD2472	870121	4512		5000					
699	M740002	AGD2492	860124	4512	COMP	5000					
700	M745000	GC10159	860225	4512	COMP	5505					
701	M745000	GC13601	860226	4512	COMP	7618					
702	M745000	GC10170	860226	4512	COMP	7709					
703	M746500	GR10003	860516	4512		7740	RADO				

	A	B	C	D	E	F	G	H	I	J	K
1	Main Acct.	Line Number	Active Date	Building 1	Room 1	Building 2	Room 2	Building 3	Room 3	Building 4	Room 4
704	M746500	GR10004	860516	4512		7740	RADO				
705	M745000	CS67802	881201	4512	12	7900	FLR3				
706	M745000	GC10160	860225	4512	COMP	7921					
707	M745000	GC10161	860225	4512	COMP	7931					
708	M745000	GC10150	860226	4512	COMP	4500-N					
709	M740002	GD10137	860415	4512	EQPT	4500-N	ATV				
710	M740002	GD14347	860415	4512	EQPT	4500-N	ATV				
711	M740002	GD14936	860415	4512	EQPT	4500-N	ATV				
712	M740002	GD61229	860415	4512	EQPT	4500-N	ATV				
713	M740002	GD61465	860415	4512	EQPT	4500-N	ATV				
714	M740002	GD62365	860415	4512	EQPT	4500-N	ATV				
715	M740002	GD63366	860423	4512	EQPT	4500-N	ATV				
716	M740002	GD63425	860415	4512	EQPT	4500-N	ATV				
717	M740002	GD64546	860421	4512	EQPT	4500-N	ATV				
718	M740002	GD65041	860421	4512	EQPT	4500-N	ATV				
719	M740002	GD69431	860415	4512	EQPT	4500-N	ATV				
720	M740002	GD69787	860423	4512	EQPT	4500-N	ATV				
721	M892059	GS81179	880406	4512	LSS	4500-N	BSMT				
722	M892059	GS81308	880406	4512	LSS	4500-N	BSMT				
723	M892059	GS81804	880406	4512	LSS	4500-N	BSMT				
724	M892059	GS82908	880406	4512	LSS	4500-N	BSMT				
725	M892059	GS83318	880406	4512	LSS	4500-N	BSMT				
726	M892059	GS83776	880406	4512	LSS	4500-N	BSMT				
727	M892059	GS84951	880406	4512	LSS	4500-N	BSMT				
728	M892059	GS85286	880406	4512	LSS	4500-N	BSMT				
729	M892059	GS85778	880406	4512	LSS	4500-N	BSMT				
730	M892059	GS86689	880406	4512	LSS	4500-N	BSMT				
731	M892059	GS86821	880406	4512	LSS	4500-N	BSMT				
732	M892059	GS87186	880406	4512	LSS	4500-N	BSMT				
733	M892059	GS88294	880406	4512	LSS	4500-N	BSMT				
734	M892059	GS88449	880406	4512	LSS	4500-N	BSMT				
735	M892059	GS89709	880406	4512	LSS	4500-N	BSMT				
736	M745000	GC10148	860226	4512	COMP	4500-S					
737	M745000	GC10149	860226	4512	COMP	4500-S					
738	M748000	GL88681	930603	4512	COMP	BETHEL	PSUB				
739	M748000	GLP0005	930409	4512	LSS	FEDERAL	BOC				
740	M745000	GC10452	860125	4512	COMP	TOWER	100				
741	M745000	GC15594	860125	4512	COMP	TOWER	100				
742	M745000	GC19044	860125	4512	COMP	TOWER	100				

	A	B	C	D	E	F	G	H	I	J	K
1	Main Acct.	Line Number	Active Date	Building 1	Room 1	Building 2	Room 2	Building 3	Room 3	Building 4	Room 4
743	M745000	GC19869	860125	4512	COMP	TOWER	100				
744	M745000	GS79627	870123	4515	Z 96	2500	TELE				
745	M740002	LA82194	890119	4515	192	3500	B023				
746	M748000	GP62742	870115	4515	TERM	4500-N	OFCE				
747	M748000	GP69162	870112	4515		4500-N	OFCE				
748	M740002	LA61603	860401	5000	17	2008	7				
749	M745000	GC13039	800902	5000		2009					
750	M745000	GC13037	800902	5000		2010					
751	M745000	GC10239	850104	5000	LOBY	2500	SECU				
752	M745000	GC13040	800902	5000		2500					
753	M745000	GC13526	800902	5000	6	2500					
754	M740002	GD05238	900717	5000	12	2500	103				
755	M745000	AGM5134	800902	5000		3003					
756	M745000	GC10146	800902	5000		4509					
757	M745000	GC10162	800902	5000		4509					
758	M745000	GC19924	860124	5000		4512	COMP				
759	M745000	GC10156	800902	5000		5500					
760	M745000	GC10157	800902	5000		7503					
761	M745000	GC10158	800902	5000		7503					
762	M740002	LA89906	880405	5500		3500	B023				
763	M745000	GC13045	860211	5500		4512	COMP				
764	M745000	GC18546	860211	5500		4512	COMP				
765	M745000	GC62014	860210	5500		4512	COMP				
766	M745000	GS09265	900129	5505	EAST	3105	CTRL				
767	M745000	GC19763	860124	5505		4512	COMP				
768	M745000	GS25722	920806	5505	CLOS	4500-N	BSMT				
769	M745000	GS98668	890223	5510		2500	FIRE				
770	M746500	ART7601	840602	5553	POST	5000	POST				
771	M745000	GC13505	800902	6000		2500					
772	M745000	GC12630	860122	6000	C104	4512	COMP				
773	M745000	GC14815	860226	6000	C104	4512	COMP				
774	M745000	GC16381	860122	6000	C104	4512	COMP				
775	M745000	GC16512	860122	6000	C104	4512	COMP				
776	M745000	GC17288	860122	6000	C104	4512	COMP				
777	M745000	GC17301	860123	6000	202	4512	COMP				
778	M748000	GL99177	890811	6000		6011					
779	M745000	GS99358	890811	6000		6011					
780	M740002	LA12975	860109	6000	128	7001	SHIP				
781	M745000	GL75365	871105	6000	LOBY	4500-N	FRAM				

	A	B	C	D	E	F	G	H	I	J	K
1	Main Acct.	Line Number	Active Date	Building 1	Room 1	Building 2	Room 2	Building 3	Room 3	Building 4	Room 4
782	M745000	GP72622	871105	6000	LOBY	4500-N	FRAM				
783	M740002	LA64759	860725	6000	LIBR	4500-N	F004				
784	M747000	AGT0260	851202	6000	109	4500-S	T002				
785	M745000	GC12050	850302	6007		2500					
786	M745000	GS12839	860307	6008	Z-86	2500					
787	M748000	GL07969	900219	6008		4500-N	COFC				
788	M745000	GS06496	900219	6008		4500-N	COFC				
789	M745000	GL24595	920731	6010	122	3508	LAB2				
790	M745000	GC10890	860123	6010		4512	COMP				
791	M740002	AGD1800	821105	6010	CMPT	6000	M109				
792	M740002	GD14422	860418	6010	SHOP	4500-N	ATV				
793	M745000	GS85877	880720	6011		2500					
794	M748000	GL83118	880702	6011	COM	4500-N	BSMT				
795	M745000	GS89256	880702	6011	COM	4500-N	BSMT				
796	M747000	AGT0118	880812	6011	201	4500-S	T002				
797	M745000	GD19774	910508	6012	WEST	2500	COMM	4512	COMM		
798	M748000	GL14346	910514	6012	COMM	4500-N	VALT				
799	M748000	GS16428	910514	6012	COMM	4500-N	VALT				
800	M747000	AGT0074	861003	6025	015W	4500-S	T002				
801	M745000	GS06420	900221	6026	BAYA	2500	BAYA				
802	M745000	GC13594	850302	7001	105A	2500	EMER				
803	M745000	GS12101	841119	7001	COMP	3105					
804	M740002	GD14775	850122	7001	RECV	3587	ELEC				
805	M740002	GD16971	850124	7001	RECV	3587	ELEC				
806	M740002	LA15267	851218	7001	COMP	3587	STOR				
807	M740002	GD17676	850121	7001	RECV	7009	LMBR				
808	M740002	GD10552	850121	7001	RECV	7018	WRHS				
809	M740002	GD12465	850122	7001	RECV	7018	WHSE				
810	M740002	GD19459	850121	7001	RECV	7018	WHSE				
811	M740002	LA11668	851217	7001	COMP	7018	EAST				
812	M740002	LA14420	851217	7001	COMP	7018	MID				
813	M740002	D501056	931201	7001	COMP	4500-N	294				
814	M745000	GS96178	890727	7001	CAGE	4500-N	ATV				
815	M740002	LA13894	900723	7001	MUX	4500-N	294				
816	M740002	D500868	930908	7001	2FLR	9720-8	150				
817	M740002	LA63479	860520	7002	8	7001	200				
818	M740002	LA81096	880524	7012	106A	2518	224				
819	M740002	LA83167	900305	7012	102	2518	224				
820	M746500	ART5142	890228	7012	103	3017	RADO	2500		7740	

	A	B	C	D	E	F	G	H	I	J	K
1	Main Acct.	Line Number	Active Date	Building 1	Room 1	Building 2	Room 2	Building 3	Room 3	Building 4	Room 4
821	M740002	LA08051	900604	7012	107	7001	200A				
822	M740002	LA60215	900305	7012	102	7001	200				
823	M740002	LA97928	890807	7012	106A	7001	COMP				
824	M745000	GL16571	910802	7012	NE	4500-N	ATV				
825	M745000	GC13855	840209	7025		3105					
826	M745000	GS09742	900818	7039	ALRM	2500	FIRE				
827	M745000	GC13833	830607	7040		2500					
828	M745000	GS09751	900320	7500		3001					
829	M745000	GS80024	880617	7503	BSMT	3105	CONT				
830	M745000	GS87841	880617	7503	BSMT	3105	CONT				
831	M745000	GS88049	880617	7503	BSMT	3105	CONT				
832	M740002	AGD1131	820702	7503		7509	11				
833	M740002	AGD3378	820511	7503	16	4500-S	T2				
834	M740002	GD78350	910315	7505	7	2647	MUX				
835	M746500	GL97635	910412	7505	TRLR	X-10	PINE				
836	M745000	GC17658	860212	7506	7606	4512	COMP				
837	M740002	AGD1100	880906	7509	9	7503	15				
838	M745000	GS33675	930929	7567		3105					
839	M745000	GS36768	930929	7567		3105					
840	M748000	GL14694	870316	7568		7910	CTRL				
841	M745000	GS32249	930929	7569		3105					
842	M745000	AGM5197	800902	7601		2519					
843	M745000	GC10585	860212	7601		4512	COMP				
844	M745000	GD17829	911029	7601	CHS	4512	LSS	2500	GHDQ		
845	M745000	GD19737	911029	7601	DOOR	4512	LSS	2500	GHDQ		
846	M740002	GD14945	900515	7601	211	7603	256				
847	M745000	CS75583	870306	7601	258	4500-N	ATV				
848	M745000	GC10501	860128	7602		4512	COMP				
849	M745000	GC17176	860128	7602		4512	COMP				
850	M745000	GC17504	860128	7602		4512	COMP				
851	M745000	GC19512	860128	7602		4512	COMP				
852	M740002	AGD4421	930727	7602	CNTL	7601	256				
853	M745000	CS79283	870306	7602	LAB3	4500-N	ATV				
854	M745000	GC12625	860212	7603		4512	COMP				
855	M740002	GD10659	850812	7603	256	7601	229				
856	M740002	LA67434	890426	7606	3	7001	200				
857	M745000	LA98926	890522	7611		2500	CNTL				
858	M745000	GS77936	870210	7652	Z 97	2500	TELE				
859	M748000	GL74690	870601	7661		4500-N	BASE				

	A	B	C	D	E	F	G	H	I	J	K
1	Main Acct.	Line Number	Active Date	Building 1	Room 1	Building 2	Room 2	Building 3	Room 3	Building 4	Room 4
860	M748000	GS71885	870601	7661	TELE	4500-N	BASE				
861	M745000	GS93158	891219	7702		2500	HDQR				
862	M745000	GC12477	860221	7702		4512	COMP				
863	M745000	GC17188	860221	7702		4512	COMP				
864	M745000	GS22703	920123	7702		4512					
865	M745000	GS24732	920123	7702		4512					
866	M740002	LA62044	860624	7702	CONT	6025	007L				
867	M740002	GD13780	860505	7702		4500-N	ATV				
868	M745000	AGM6002	800902	7702		W TANK					
869	M745000	GC16418	860305	7709		4512	COMP				
870	M740002	GD13368	860425	7709		4500-N	ATV				
871	M740002	GD13591	860425	7709		4500-N	ATV				
872	M740002	GD16113	860425	7709	EQPT	4500-N	ATV				
873	M745000	GC13523	800902	7710		2500	CON				
874	M745000	GL18208	910508	7710	ENTR	2500	CTRL	4512	CTRL		
875	M745000	GS80370	880617	7710	TERM	7735	LAB				
876	M745000	GS80950	880617	7710	TERM	7735	LAB				
877	M745000	GS81337	880617	7710	TERM	7735	LAB				
878	M745000	GS82089	880617	7710	TERM	7735	LAB				
879	M745000	GS82190	880617	7710	TERM	7735	LAB				
880	M745000	GS82766	880617	7710	TERM	7735	LAB				
881	M745000	GS83064	880617	7710	TERM	7735	LAB				
882	M745000	GS83681	880617	7710	TERM	7735	LAB				
883	M745000	GS86395	880617	7710	TERM	7735	LAB				
884	M745000	GS87086	880617	7710	TERM	7735	LAB				
885	M745000	GS88021	880617	7710	TERM	7735	LAB				
886	M745000	GS88098	880617	7710	TERM	7735	LAB				
887	M745000	GS88633	880617	7710	TERM	7735	LAB				
888	M745000	GS89497	880617	7710	TERM	7735	LAB				
889	M745000	GS89940	880617	7710	TERM	7735	LAB				
890	M748000	GL90484	891220	7710	CLST	X-10	PT23				
891	M745000	GL15476	910506	7735	ENTR	2500	CTRL	4512	CTRL		
892	M745000	GS72212	871119	7735		2500					
893	M746500	GR10007	820811	7740	RADO	2500	TELE				
894	M746500	GR10008	820811	7740	RADO	2500	TELE				
895	M746500	GR10009	820811	7740	RADO	2500	TELE				
896	M746500	GR10010	820811	7740		2500					
897	M746500	GS81429	880622	7740		2500					
898	M746500	GR10005	860516	7740	RADO	4512					

	A	B	C	D	E	F	G	H	I	J	K
1	Main Acct.	Line Number	Active Date	Building 1	Room 1	Building 2	Room 2	Building 3	Room 3	Building 4	Room 4
899	M746500	GR10006	860516	7740	RADO	4512					
900	M740002	GD13766	860505	7740		4500-N	ATV				
901	M746500	GR26324	920806	7740	1	4500-S	T-12				
902	M740002	GD03931	900219	7751	PT22	2500	CTRL				
903	M745000	GS98853	891219	7752		2500	HDQR				
904	M748000	GL13650	910816	7824		4500-N	VAUT				
905	M745000	GS16807	910816	7824		4500-N	VAUT				
906	M740002	GD21406	930305	7830		4500-N	VALT	4512		2500	
907	M745000	GC13501	800902	7831		2500					
908	M748000	GL05143	901010	7831		4500-N	TELE				
909	M745000	GS02624	901010	7831		4500-N	TELE				
910	M748000	GL06487	901016	7842		4500-N	TELE				
911	M745000	GS02523	901016	7842		4500-N	TELE				
912	M740002	GD27441	930305	7860		4500-N	VALT	4512		2500	
913	M745000	GC13961	860121	7872	STA4	4512	COMP				
914	M745000	GC16053	860121	7872	STA4	4512	COMP				
915	M745000	GC17586	860121	7872	STA4	4512	COMP				
916	M745000	GC19055	860202	7872	STA4	4512	COMP				
917	M745000	GS61333	860625	7872	MONI	4512	COMP				
918	M745000	GS63420	860610	7872	MONI	4512	COMP				
919	M745000	GS67652	860625	7872	MONI	4512	COMP				
920	M745000	GS68145	860702	7872	MONT	4512	COMP				
921	M745000	GS80163	881013	7875	BRDG	3105	DC#5				
922	M745000	GS81836	881013	7875	BRDG	3105	DC#5				
923	M745000	GS85091	881013	7875	BRDG	3105	DC#5				
924	M745000	GS85677	881013	7875	BRDG	3105	DC#5				
925	M745000	GS87044	881013	7875	BRDG	3105	DC#5				
926	M745000	GS00188	900802	7879	FRE	2500	BAY				
927	M745000	GS18351	910214	7879	SWS5	4500-N	ATV				
928	M745000	GC13533	800902	7900		2500					
929	M745000	GC13534	800902	7900		2500					
930	M745000	GC13535	800902	7900		2500					
931	M745000	GS94045	890526	7900	CTRL	2500	GDHQ				
932	M740002	AGD2079	830120	7900	HB3A	3010	202				
933	M745000	GC11380	860218	7900		4512	COMP				
934	M745000	GC16000	860218	7900		4512	COMP				
935	M745000	GC17250	860218	7900		4512	COMP				
936	M746500	GL21678	920515	7900	HPRM	4512	EQPT				
937	M740002	LA90120	890221	7900	308	7001	COMP				

	A	B	C	D	E	F	G	H	I	J	K
1	Main Acct.	Line Number	Active Date	Building 1	Room 1	Building 2	Room 2	Building 3	Room 3	Building 4	Room 4
938	M745000	GC12086	800902	7900	CONT	7902					
939	M745000	GC12087	800902	7900	CONT	7902					
940	M740002	GD12678	860428	7900	TUNN	4500-N	ATV				
941	M740002	GD19624	860428	7900	113	4500-N	ATV				
942	M745000	GS14223	910201	7900	BAY	4500-N	ATV				
943	M740002	LA06485	931123	7910	44	7001	200				
944	M740002	LA83484	880412	7910	30	7001	200				
945	M748000	GL95273	930613	7910	3	7964-F	9	4500-S	T-12	7964-F	9
946	M745000	GS05303	900524	7917		2500	BAY				
947	M745000	LA33960	930323	7920	FDER	2500	GARD				
948	M745000	LA35729	930323	7920	FDER	2500	GARD				
949	M745000	LA39867	930323	7920	FDER	2500	GARD				
950	M740002	GD88052	880325	7920	205	3130	1000				
951	M745000	GC15932	860213	7920		4512	COMP				
952	M745000	AGM5141	800902	7920		7930					
953	M740002	AGD2797	831101	7920	11	4500-S	T002				
954	M745000	GC17524	860212	7921		4512	COMP				
955	M740002	AGD2616	860226	7922	DC6	4512	COMP				
956	M740002	AGD2617	860226	7922	DC6	4512	COMP				
957	M740002	AGD2618	860226	7922	DC6	4512	COMP				
958	M740002	AGD2619	860226	7922	DC6	4512	COMP				
959	M740002	AGD2620	860212	7922	DC-6	4512	COMP				
960	M740002	AGD2621	860226	7922	DC6	4512	COMP				
961	M740002	AGD2622	860226	7922	DC6	4512	COMP				
962	M740002	AGD2623	860226	7922	DC6	4512	COMP				
963	M745000	GC14119	860202	7922		4512	COMP				
964	M745000	GC15663	860221	7922		4512	COMP				
965	M745000	GC18827	860121	7922		4512	COMP				
966	M745000	GC68787	860202	7922		4512	COMP				
967	M740002	AGD2624	831103	7922	DC6	7900					
968	M740002	AGD2625	831116	7922	DC6	7920					
969	M740002	AGD2626	831103	7922	EC6	7930					
970	M745000	GC17814	860213	7930		4512	COMP				
971	M740002	LA91881	890222	7930	119	7920	116				
972	M745000	GC12651	860226	7931		4512	COMP				
973	M740002	LA10683	910118	7933	NRTH	7001	200A				
974	M740002	LA35376	930519	7933	3	7001	200A				
975	M745000	GS18363	860319	7934	Z-89	2500					
976	M740002	AGD1688	910124	7962	7	7900	G011				

	A	B	C	D	E	F	G	H	I	J	K
1	Main Acct.	Line Number	Active Date	Building 1	Room 1	Building 2	Room 2	Building 3	Room 3	Building 4	Room 4
977	M740002	AGD4507	910124	7962	7	7900	G011				
978	M740002	LA14289	890602	7962	7	7900	G011				
979	M740002	LA66283	890609	7962	7	7900	G011				
980	M748000	GL81377	880606	7962	UTIL	4500-N	COFC				
981	M745000	GS80565	880606	7962	UTIL	4500-N	COFC				
982	M740002	GD70479	880606	9103	110	9212	D132				
983	M740002	GD67779	880919	9103	1FLR	4500-N	270				
984	M740002	HWD0019	861023	9103	129D	4500-S	T002				
985	M740002	AGD1202	820302	9103	COMP	9201-5	MSHP				
986	M745000	GC13503	831208	9103	884	9201-5N	DISP	972311	128		
987	M748000	GL87662	881028	9103	ELEV	9706-2	PSS				
988	M740002	DH50052	920520	9103	129D	9983-62	21				
989	M740002	D500548	930304	9103	129D	K-1007	1003				
990	M740002	DH80458	911211	9103	129D	K-1007	1003				
991	M740002	GD31784	930309	9103	129	K-1007	1051				
992	M740002	AGD1506	860211	9105	111	9201-2	201				
993	M740002	AGD2910	890606	9105	101D	9201-2	MUX				
994	M740002	AGD4286	860211	9105	114	9201-2	COMP				
995	M740002	AGD4838	890606	9105	101C	9201-2	MUX				
996	M740002	AGD4841	890606	9105	203	9201-2	MUX				
997	M740002	GD15786	891214	9105	120	9201-2	MUX				
998	M745000	GS75139	870427	9106	41	9706-2	PSS				
999	M745000	GS76005	870427	9106	41	9706-2	PSS				
1000	M745000	GS76146	870427	9106	41	9706-2	PSS				
1001	M745000	GS77061	870427	9106	41	9706-2	PSS				
1002	M745000	LA81809	931130	9106	41	9710-3	COMP				
1003	M745000	LA83199	931130	9106	41	9710-3	COMP				
1004	M745000	GS10703	850604	9107	TW49	9911					
1005	M748000	GL10381	931018	9109	200A	9706-2	PSS				
1006	M740002	DHD3758	920302	9110	106	9103	129D				
1007	M745000	GC10967	840725	9111	EQPT	9710-2	GARD				
1008	M745000	GC10968	840725	9111	EQPT	9710-2	GARD				
1009	M748000	GL19782	910628	9113	CONF	9702	TEL				
1010	M745000	GS15287	910628	9113	CONF	9702	TEL				
1011	M748000	PL74161	870616	9113	ELEV	9706-2	PSSO				
1012	M740002	GD91100	890928	9114	1714	9626					
1013	M740002	LA87415	880513	9114	1714	9626	SEC				
1014	M893005	PL69070	860908	9114	LOBY	9702	EQPT				
1015	M740002	GD38893	930402	9114	1714	9831	WEST				

	A	B	C	D	E	F	G	H	I	J	K
1	Main Acct.	Line Number	Active Date	Building 1	Room 1	Building 2	Room 2	Building 3	Room 3	Building 4	Room 4
1016	M740002	GD90327	890928	9114	1714	9831					
1017	M740002	D500114	930823	9114	2302	55JEFF	C103				
1018	M745000	GS82145	880912	9114	LOBY	9706-2	PSS				
1019	M748000	PL75389	880111	9114	ELEV	9706-2	PSSO				
1020	M745000	LA90660	890413	9115	149	9706-2	ATIC				
1021	M745000	GS80883	880607	9117	TERM	9103	115				
1022	M745000	GS83194	880607	9117	TERM	9103	115				
1023	M745000	GS84089	881128	9117	CLST	9103	264				
1024	M745000	GS84123	880607	9117	TERM	9103	115				
1025	M745000	GS84202	880607	9117	TERM	9103	115				
1026	M745000	GS85555	881128	9117	CLST	9103	264				
1027	M745000	GS85789	880607	9117	TERM	9103	115				
1028	M745000	GS86419	880607	9117	TERM	9103	115				
1029	M745000	GS86517	881128	9117	CLST	9103	264				
1030	M745000	GS86822	880607	9117	TERM	9103	115				
1031	M745000	GS86898	880607	9117	TERM	9103	115				
1032	M745000	GS87362	880607	9117		9103	115				
1033	M745000	GS87392	880607	9117	TERM	9103	115				
1034	M745000	GS88583	880607	9117	TERM	9103	115				
1035	M745000	GS89658	880607	9117	TERM	9103	115				
1036	M745000	GS90084	890114	9117	140	9103	103H				
1037	M745000	GS91309	890114	9117	140	9103	103H				
1038	M745000	GS93027	890114	9117	140	9103	103H				
1039	M745000	GS93299	890114	9117	140	9103	103H				
1040	M745000	GS93678	890114	9117	140	9103	103H				
1041	M745000	GS93953	890114	9117	140	9103	103H				
1042	M745000	GS96513	890114	9117	140	9103	103H				
1043	M745000	GS96966	890114	9117	140	9103	103H				
1044	M745000	GS97663	890114	9117	140	9103	103H				
1045	M745000	GS98665	890114	9117	140	9103	103H				
1046	M740002	DH97006	890331	9117	140	9105	213				
1047	M740002	DHD0077	921102	9117	140	9105	205				
1048	M740002	LA96319	901108	9117	140	9105	216				
1049	M748000	GL04915	900117	9117	133	9702	MUX				
1050	M745000	GS00715	900117	9117	133	9702	MUX				
1051	M740002	HWD1089	910122	9117	133D	1916-T1	342				
1052	M740002	D500801	930826	9117	140	4500-N	270				
1053	M740002	DHD3141	921102	9117	140	4500-N	270				
1054	M740002	HWD0046	901108	9117	140	4500-N	270				

	A	B	C	D	E	F	G	H	I	J	K
1	Main Acct.	Line Number	Active Date	Building 1	Room 1	Building 2	Room 2	Building 3	Room 3	Building 4	Room 4
1055	M740002	HWD0047	901108	9117	140	4500-N	270				
1056	M740002	HWD1510	910614	9117	133D	4500-N	294				
1057	M740002	HWD1837	911002	9117	133D	4500-N	150				
1058	M740002	H500654	931118	9117	133D	55JEFF	C103				
1059	M740002	D500077	930312	9117	140	9720-6	1				
1060	M740002	DH97964	890331	9117	140	9733-1	115				
1061	M740002	LA90213	901108	9117	140	9733-1	115				
1062	M740002	DH96549	890331	9117	140	9733-2	201				
1063	M740002	LA97065	901108	9117	140	9733-2	211				
1064	M740002	LA87432	910816	9117	140	9983-62	21				
1065	M740002	DHD3607	911029	9117	140	FEDC	148				
1066	M740002	D500306	921030	9117	133D	FEDERAL	BOC				
1067	M740002	DHD3247	910226	9117	133D	FEDERAL	BOC				
1068	M740002	DHD3606	911127	9117	133D	K-1007	1003				
1069	M740002	H500404	930313	9117	133D	K-1007	1051				
1070	M740002	HWD0039	920124	9117	129	K-1007	1003				
1071	M740002	HWD0055	891115	9117	TDMA	K-1023	101				
1072	M740002	GD10700	910618	9117	133D	K-1030	VAUL				
1073	M740002	DHD3433	910621	9117	140	K-1320	109				
1074	M740002	GD94025	901108	9117	140	K-1580	129				
1075	M740002	DHD3442	911121	9117	140	K-1650	BOC				
1076	M740002	GD39417	930405	9117	133B	K-303-8	27				
1077	M893005	AGS5000	910115	9117	PA			9204-2	INSP		
1078	M740002	DHD3384	910603	9119	TEL	9103	129				
1079	M748000	GL11673	910513	9119	62	9702	TELE				
1080	M745000	GS10687	910513	9119	62	9702	TELE				
1081	M740002	DHD3385	910507	9119	TEL	9998	G005				
1082	M748000	GL16068	910514	9119	ELEV	9706-2	TELE	9702	MUX		
1083	M748000	GL16757	910514	9119	ELEV	9706-2	PSS	9702	TELE		
1084	M740002	AGD2450	830427	9206	23	9212	NDA				
1085	M748000	GL00801	900226	9206	PT56	9706-2	PSS				
1086	M740002	LA14669	931213	9206	1	9770-6	3				
1087	M748000	AGL5105	840619	9207		9202					
1088	M748000	GL10479	811120	9207	SCB	9731	LAB				
1089	M740002	AGD1128	880419	9208	8111	9206	E002				
1090	M748000	GL96559	890607	9208	SHOP	9702					
1091	M745000	GS97918	890607	9208	SHOP	9702					
1092	M740002	GD06197	901025	9208	116	9709	014A				
1093	M740002	AGD3534	880419	9208	8111	9737	225				

	A	B	C	D	E	F	G	H	I	J	K
1	Main Acct.	Line Number	Active Date	Building 1	Room 1	Building 2	Room 2	Building 3	Room 3	Building 4	Room 4
1094	M747000	AGT0007	880419	9208	8111	9737	101				
1095	M747000	AGT0008	880419	9208	8111	9737	1A/1				
1096	M747000	AGT0009	880420	9208	8111	9737	40				
1097	M747000	AGT0010	880419	9208	8111	9737	6				
1098	M747000	AGT0011	880420	9208	8111	9737	7				
1099	M747000	AGT0012	880420	9208	8111	9737	101				
1100	M747000	AGT0013	880419	9208	8111	9737	203				
1101	M747000	AGT0014	880419	9208	8111	9737	225				
1102	M747000	AGT0015	880419	9208	8111	9737	225				
1103	M740002	AGD1106	910510	9208	8111	9808					
1104	M740002	AGD1124	880419	9208	8111	9995					
1105	M740002	GD04386	901025	9208	P117	9201-1	CL65				
1106	M740002	AGD1117	880419	9208	8111	9201-2	131				
1107	M740002	AGD1118	880419	9208	8111	9201-2	1FLR	N11			
1108	M740002	AGD1119	880419	9208	8111	9201-2	2FLR	N11			
1109	M747000	AGT0001	880419	9208	8111	9201-2	2FLR	H14			
1110	M740002	AGD1115	880419	9208	8111	9201-3	182				
1111	M740002	AGD1116	880419	9208	8111	9201-3	M006				
1112	M747000	AGT0002	880419	9208	8111	9201-3	1FLR	9737			
1113	M740002	AGD1110	880419	9208	8111	9201-5					
1114	M740002	GD10910	910507	9208	8114	9201-5N	214				
1115	M740002	AGD1130	880419	9208	8111	9204-1	155				
1116	M740002	AGD1114	880419	9208	8111	9204-3	F023				
1117	M740002	AGD1112	880419	9208	8111	9204-4	E011				
1118	M740002	GD02447	901025	9208	115	9706-1A	162				
1119	M740002	D500525	930719	9208	8114	9706-2	4				
1120	M740002	AGD1105	880419	9208	8111	9720-20					
1121	M740002	AGD1126	880419	9208	8111	9720-6					
1122	M740002	AGD3558	880419	9208	8111	9720-6					
1123	M740002	GDP3559	880419	9208	8111	9723-18					
1124	M740002	GD17359	921007	9211	1043	4500-S	T002				
1125	M740002	AGD1120	890710	9212	MANT	9208	111A				
1126	M740002	AGD1121	890113	9212	MANT	9996	MUX				
1127	M748000	GL19440	871202	9212	ELEV	9706-2	PSS				
1128	M740002	GD16909	850926	9212	57	9710-2	COMP				
1129	M748000	GL17887	920707	9212	DR33	9710-2	135				
1130	M745000	GC13743	810204	9213		9202					
1131	M740002	LA65996	860321	9213	1FLR	9710-2	COMP				
1132	M740002	AGD4511	881109	9213	PRT3	9710-3	COMP	9213	PRT4	9213	PRT3

	A	B	C	D	E	F	G	H	I	J	K
1	Main Acct.	Line Number	Active Date	Building 1	Room 1	Building 2	Room 2	Building 3	Room 3	Building 4	Room 4
1133	M740002	LA68784	860321	9213	1FLR	9720-2	COMP				
1134	M740002	AGD1123	881214	9215	MANT	9208	8111	9706-2			
1135	M740002	AGD2705	890124	9215	8111	9208	COMP				
1136	M748000	GL10178	910111	9215	ASSY	9706-2	PSS				
1137	M748000	GL10377	910111	9215	ASSY	9706-2	PSS				
1138	M740002	LA15464	910111	9420	OFFC	9114	140				
1139	M740002	LA09468	900320	9423	MAIN	9208	8111				
1140	M748000	GL15130	860120	9623	ELEV	9706-2	PSS				
1141	M745000	GS10769	850812	9623		9720-3	255				
1142	M740002	GD25357	921022	9626	NEST	9702	MUX				
1143	M740002	GD37831	930412	9626	2	9983-18	TRLR				
1144	M740002	GD36500	930413	9626	2	X-10	TRLR				
1145	M893005	GC13621	810102	9702	Z-3	9103					
1146	M740002	GD14907	860702	9702		9103	TRLR				
1147	M893005	GL10402	810102	9702	Z-4	9103					
1148	M893005	GL84013	880201	9702	AMP	9103	CLST				
1149	M893005	GS86552	880201	9702	AMP	9103	CLST				
1150	M893005	GC13612	810102	9702	Z-1	9107					
1151	M893005	GL10391	810102	9702	Z-1	9107					
1152	M893005	CS61395	860908	9702	EQPT	9114	LOBY				
1153	M893005	GC13645	810102	9702	Z-9	9202					
1154	M893005	GC13646	810102	9702	Z-9	9202					
1155	M740002	GD17299	850731	9702		9202					
1156	M893005	GL10440	810102	9702	Z-9	9202					
1157	M893005	GL10441	810102	9702	Z-9	9202					
1158	M893005	GL10442	810102	9702	Z-9	9202					
1159	M893005	GL10443	810102	9702	Z-9	9202					
1160	M893005	GL10444	810102	9702	Z-9	9202					
1161	M893005	GC13627	810102	9702		9206					
1162	M740002	GD14613	850808	9702		9206					
1163	M893005	GL10422	810102	9702	Z-5	9206					
1164	M893005	GC13652	810102	9702	Z-11	9207					
1165	M893005	GL10452	810102	9702	Z-11	9207					
1166	M893005	GC13653	810102	9702	Z-11	9211					
1167	M893005	GL10453	810102	9702	Z-11	9211					
1168	M893005	GC13638	810102	9702	Z-7	9212					
1169	M740002	GD18271	850807	9702		9212	LNCH				
1170	M893005	GL10432	810102	9702	Z-7	9212					
1171	M893005	GC13609	810102	9702	Z-1	9213	2FLR				

	A	B	C	D	E	F	G	H	I	J	K
1	Main Acct.	Line Number	Active Date	Building 1	Room 1	Building 2	Room 2	Building 3	Room 3	Building 4	Room 4
1172	M893005	GC13613	810102	9702	Z-1	9213					
1173	M893005	GL10388	810102	9702	Z-1	9213	2FLR				
1174	M893005	GL10392	810102	9702	Z-1	9213					
1175	M740002	GD12422	850807	9702		9215	LNCH				
1176	M893005	GC13654	810102	9702	Z-11	9220					
1177	M893005	GL10454	810102	9702	Z-11	9220					
1178	M893005	GL62511	860702	9702		9623					
1179	M893005	GS67770	860702	9702		9623					
1180	M893005	GC13660	810102	9702	Z-12	9709					
1181	M893005	GL10465	810102	9702	Z-12	9709					
1182	M893005	GS13712	810102	9702		9709	135				
1183	M893005	GS84024	880210	9702		9709					
1184	M893005	GS84453	880210	9702		9709					
1185	M893005	GC13659	810102	9702	Z-12	9712					
1186	M740002	GD13182	850806	9702		9712					
1187	M893005	GL10464	810102	9702	Z-12	9712					
1188	M893005	GC13661	810102	9702	Z-13	9731					
1189	M893005	GC13662	810102	9702	Z-13	9731					
1190	M745000	GC13772	820331	9702		9731					
1191	M893005	GL10466	810102	9702	Z-13	9731					
1192	M893005	GL10467	810102	9702	Z-13	9731					
1193	M893005	GC13634	810102	9702	Z-6	9734					
1194	M893005	GL10429	810102	9702	Z-6	9734					
1195	M740002	AGD9854	840816	9702	MUX	9735	4				
1196	M745000	AGM5194	800902	9702		9735					
1197	M893005	GC13657	810102	9702	Z-12	9737					
1198	M740002	GD14786	850726	9702		9737	21				
1199	M893005	GL10462	810102	9702	Z-12	9737					
1200	M745000	GC13771	820331	9702		9766					
1201	M745000	GC13820	830602	9702		9766	ATIC				
1202	M748000	GL10478	811120	9702	SCB	9766	LAB				
1203	M893005	GC13637	810102	9702	Z-7	9995					
1204	M740002	GD16377	850806	9702		9995	52				
1205	M893005	GL10430	810102	9702	Z-7	9995					
1206	M893005	GL10431	880204	9702	Z-7	9995	52				
1207	M740002	GD12561	910201	9702	MUX	185LAF					
1208	M893005	GC13639	810102	9702	Z-8	9201-1					
1209	M893005	GC13640	810102	9702	Z-8	9201-1					
1210	M740002	GD14588	850731	9702		9201-1	LNCH				

	A	B	C	D	E	F	G	H	I	J	K
1	Main Acct.	Line Number	Active Date	Building 1	Room 1	Building 2	Room 2	Building 3	Room 3	Building 4	Room 4
1211	M740002	GD17070	850731	9702		9201-1	LNCH				
1212	M893005	GL10433	810102	9702	Z-8	9201-1					
1213	M893005	GL10434	810102	9702	Z-8	9201-1					
1214	M893005	GL10435	810102	9702	Z-8	9201-1					
1215	M893005	GL10436	810102	9702	Z-8	9201-1					
1216	M893005	GL10437	810102	9702	Z-8	9201-1					
1217	M893005	GL10438	810102	9702	Z-8	9201-1					
1218	M893005	GC13650	810102	9702	Z-10	9201-2					
1219	M893005	GL10397	810102	9702	Z-2	9201-2					
1220	M893005	GL10450	810102	9702	Z-10	9201-2					
1221	M740002	AGD1501	920123	9702	MUX	9201-3	374A				
1222	M893005	GC13648	810102	9702	Z-10	9201-3					
1223	M893005	GC13649	810102	9702	Z-10	9201-3					
1224	M893005	GL10446	810102	9702	Z-10	9201-3					
1225	M893005	GL10447	810102	9702	Z-10	9201-3					
1226	M893005	GL10448	810102	9702	Z-10	9201-3					
1227	M893005	GL10449	810102	9702	Z-10	9201-3					
1228	M893005	GL10399	810102	9702	Z-3	9201-4					
1229	M893005	GL10400	810102	9702	Z-3	9201-4					
1230	M893005	GL10401	810102	9702	Z-3	9201-4					
1231	M893005	GL13620	810102	9702	Z-3	9201-4					
1232	M893005	GC13614	810102	9702	Z-2	9201-5					
1233	M893005	GC13615	810102	9702	Z-2	9201-5					
1234	M893005	GC13617	810102	9702	Z-2	9201-5					
1235	M740002	GD13256	850731	9702		9201-5	LNCH				
1236	M893005	GL10393	810102	9702	Z-12	9201-5					
1237	M893005	GL10394	810102	9702	Z-2	9201-5					
1238	M893005	GL10395	810102	9702	Z-2	9201-5					
1239	M893005	GL10396	810102	9702	Z-2	9201-5N					
1240	M740002	GD14976	850731	9702		9201-5W	LNCH				
1241	M893005	GC13619	810102	9702	Z-3	9201-R					
1242	M893005	GC13632	810102	9702	Z-6	9204-1					
1243	M893005	GC13633	810102	9702	Z-6	9204-1					
1244	M893005	GL10426	810102	9702	Z-6	9204-1					
1245	M893005	GL10427	810102	9702	Z-6	9204-1					
1246	M893005	GL10428	810102	9702	Z-6	9204-1					
1247	M893005	GC13625	810102	9702	Z-5	9204-2					
1248	M893005	GC13626	810102	9702	Z-5	9204-2					
1249	M893005	GC13647	810102	9702	Z-9	9204-2					

	A	B	C	D	E	F	G	H	I	J	K
1	Main Acct.	Line Number	Active Date	Building 1	Room 1	Building 2	Room 2	Building 3	Room 3	Building 4	Room 4
1250	M740002	GD14652	850731	9702		9204-2	LNCH				
1251	M893005	GL10417	810102	9702	Z-5	9204-2					
1252	M893005	GL10418	810102	9702	Z-5	9204-2					
1253	M893005	GL10419	810102	9702	Z-5	9204-2					
1254	M893005	GL10420	810102	9702	Z-5	9204-2					
1255	M893005	GL10421	810102	9702	Z-5	9204-2					
1256	M893005	GC13630	810102	9702	Z-5	9204-2E					
1257	M740002	GD12652	850731	9702		9204-2E	330				
1258	M893005	GL10425	810102	9702	Z-5	9204-2E					
1259	M893005	GC13622	810102	9702	Z-4	9204-3					
1260	M893005	GC13623	810102	9702	Z-4	9204-3					
1261	M893005	GL10403	810102	9702	Z-4	9204-3					
1262	M893005	GL10404	810102	9702	Z-4	9204-3					
1263	M893005	GL10405	810102	9702	Z-4	9204-3					
1264	M893005	GL10406	810102	9702		9204-3					
1265	M893005	GL10407	810102	9702	Z-4	9204-3					
1266	M893005	GL10408	810102	9702	Z-4	9204-3					
1267	M893005	GL10409	810102	9702	Z-4	9204-3					
1268	M893005	GL10410	810102	9702	Z-4	9204-3					
1269	M893005	GL10411	810102	9702	Z-4	9204-3					
1270	M893005	GL10412	810102	9702	Z-4	9204-3					
1271	M893005	GL10413	810102	9702	Z-4	9204-3					
1272	M893005	GL10414	810102	9702	Z-4	9204-3					
1273	M893005	GL10415	810102	9702	Z-4	9204-3					
1274	M893005	GC13606	810102	9702	Z-1	9204-4					
1275	M893005	GC13607	810102	9702	Z-1	9204-4					
1276	M740002	GD12956	850807	9702		9204-4	LNCH				
1277	M893005	GL10382	810102	9702		9204-4					
1278	M893005	GL10383	810102	9702		9204-4					
1279	M893005	GL10384	810102	9702		9204-4					
1280	M893005	GL10385	810102	9702		9204-4					
1281	M893005	GL10386	810102	9702		9204-4					
1282	M740002	LA10838	910409	9702	MUX	9212-A	MUX				
1283	M893005	GC13618	810102	9702		9401-3					
1284	M740002	GD11974	850807	9702		9401-3	LNCH				
1285	M893005	GL10398	810102	9702	Z-2	9401-3					
1286	M745000	GS77410	870331	9702		9616-7	2FLR				
1287	M745000	PL70306	870302	9702		9616-7	2FLR				
1288	M893005	GC13651	810102	9702	Z-11	9700-1					

	A	B	C	D	E	F	G	H	I	J	K
1	Main Acct.	Line Number	Active Date	Building 1	Room 1	Building 2	Room 2	Building 3	Room 3	Building 4	Room 4
1289	M893005	GL10445	810102	9702	Z-9	9704-2					
1290	M745000	GC13819	821115	9702		9706-1					
1291	M740002	GD14492	850806	9702		9706-2					
1292	M748000	GL10786	850307	9702	OFFC	9706-2	PSS				
1293	M748000	GL11331	850319	9702	EQPT	9706-2	PSS				
1294	M748000	GL15150	850307	9702	CNRT	9706-2	PSS				
1295	M748000	GL17455	850319	9702	EQPT	9706-2	PSS				
1296	M740002	LA11403	910119	9702	N W	9706-2	PSS				
1297	M893005	GC13628	810102	9702	Z-5	9710-2					
1298	M740002	GD13303	850806	9702		9710-2	128				
1299	M893005	GL10423	810102	9702	Z-5	9710-2					
1300	M740002	LA14273	910119	9702	N W	9710-2	CLOS				
1301	M740002	LA14313	910121	9702	N W	9710-3	CLOS				
1302	M893005	GC13629	810102	9702	Z-5	9711-5					
1303	M740002	GD17750	850731	9702		9711-5	CAFE				
1304	M740002	GD19862	850731	9702		9711-5	CAFE				
1305	M893005	GL10424	810102	9702	Z-5	9711-5					
1306	M893005	GC13624	810102	9702	Z-4	9720-10					
1307	M893005	GL10416	810102	9702	Z-4	9720-10					
1308	M893005	GC13655	810102	9702	Z-12	9720-2					
1309	M893005	GC13656	810102	9702	Z-12	9720-2					
1310	M893005	GL10455	810102	9702	Z-12	9720-2					
1311	M893005	GL10456	810102	9702	Z-12	9720-2					
1312	M893005	GL10457	810102	9702	Z-12	9720-2					
1313	M893005	GL10458	810221	9702	Z-12	9720-2					
1314	M893005	GL10459	810221	9702	Z-12	9720-2					
1315	M893005	GL10460	810102	9702	Z-12	9720-2					
1316	M893005	GL10461	810102	9702	Z-12	9720-2					
1317	M893005	GL10471	810102	9702	Z-12	9720-2					
1318	M893005	GC13610	810102	9702	Z-1	9720-33					
1319	M893005	GL10389	810102	9702	Z-1	9720-33					
1320	M893005	GC13608	810102	9702	Z-1	9720-5					
1321	M893005	GL10387	810102	9702	Z-1	9720-5					
1322	M740002	GD13826	850731	9702		9720-6	LNCH				
1323	M893005	GC13658	810102	9702	Z-12	9720-8					
1324	M740002	GD19146	850731	9702		9720-8	LNCH				
1325	M893005	GL10463	810102	9702	Z-12	9720-8					
1326	M893005	GC13635	810102	9702	Z-6	9723-11					
1327	M893005	GC13631	810102	9702	Z-5	9723-14					

	A	B	C	D	E	F	G	H	I	J	K
1	Main Acct.	Line Number	Active Date	Building 1	Room 1	Building 2	Room 2	Building 3	Room 3	Building 4	Room 4
1328	M893005	GC13641	810102	9702	Z-8	9733-1					
1329	M893005	GC13642	810102	9702		9733-2					
1330	M893005	GC13643	810102	9702	Z-8	9733-3					
1331	M893005	GC13644	810102	9702	Z-8	9733-3					
1332	M893005	GL10439	810102	9702	Z-8	9733-4					
1333	M893005	GL10451	810102	9702	Z-11	9770-1					
1334	M740002	LA10060	910121	9702	N W	9983-86	WWAL				
1335	M745000	GD90148	890505	9702	OFFC	9990-3	COAL				
1336	M745000	GL97022	890505	9702	OFFC	9990-3	COAL				
1337	M748000	AGL5104	800902	9706		9710					
1338	M745000	CS70423	870813	9709	128	9702	TELE				
1339	M745000	CS75739	871002	9709	128	9702	TBLD				
1340	M745000	CS77040	871002	9709	128	9702	TBLD				
1341	M745000	CS77572	870813	9709	128	9702					
1342	M893005	GL10469	880210	9709	135	9702	TELF				
1343	M893005	GP13709	880128	9709	135	9702					
1344	M893005	GS13705	880128	9709	135	9702					
1345	M893005	GS13706	880128	9709	135	9702					
1346	M893005	GS13707	880128	9709	135	9702					
1347	M893005	GS13708	880128	9709	135	9702					
1348	M893005	GS13710	880128	9709	135	9702					
1349	M893005	GS13711	880128	9709	135	9702					
1350	M893005	GS13713	880128	9709	135	9702					
1351	M893005	GS13714	880128	9709	135	9702					
1352	M893005	GS13715	880128	9709	135	9702					
1353	M893005	GS13716	880128	9709	135	9702					
1354	M893005	GS13717	880125	9709	135	9702					
1355	M893005	GS13718	880128	9709	135	9702					
1356	M893005	GS13719	880128	9709	135	9702					
1357	M893005	GS13720	880128	9709	135	9702					
1358	M893005	GS13721	880128	9709	135	9702					
1359	M893005	GS13722	880128	9709	135	9702					
1360	M893005	GS13723	880128	9709	135	9702					
1361	M893005	GS13724	880128	9709	135	9702					
1362	M893005	GS13725	880128	9709	135	9702					
1363	M893005	GS13726	880128	9709	135	9702					
1364	M893005	GS13727	880128	9709	135	9702					
1365	M893005	GS13728	880128	9709	135	9702					
1366	M893005	GS13729	880128	9709	135	9702					

	A	B	C	D	E	F	G	H	I	J	K
1	Main Acct.	Line Number	Active Date	Building 1	Room 1	Building 2	Room 2	Building 3	Room 3	Building 4	Room 4
1367	M893005	GS13730	880128	9709	135	9702					
1368	M893005	GS13731	880128	9709	135	9702					
1369	M893005	GS13732	880128	9709	135	9702					
1370	M893005	GS13733	880128	9709	135	9702					
1371	M745000	GC68090	860731	9709	128	9706-2	PSSO				
1372	M745000	GC73863	870130	9709	DOCK	9720-3	38E				
1373	M747000	AGT1202	880419	9712	MUX	9208	8111				
1374	M745000	LA66786	860501	9712		9949-1					
1375	M748000	GL69610	861231	9712		PORTAL	7				
1376	M748000	GL73495	911029	9714	GARD	HWY-58	OFFC				
1377	M745000	GS13779	860915	9722		9401-5					
1378	M745000	GS15530	860915	9722		9401-5					
1379	M748000	GL10488	830425	9731		9766	ATTC				
1380	M740002	DHD3562	910909	9737	114A	9208	COMP				
1381	M740002	DHD3053	901015	9737	114A	9739	MUX				
1382	M745000	GL88695	880524	9737	101	9706-2	PSS				
1383	M745000	GS85086	880524	9737	101	9706-2	PSS				
1384	M748000	GL03057	901019	9764		9702					
1385	M745000	GS05519	901019	9764		9702					
1386	M893005	GL67528	860802	9766	PHOT	9706-2	PSS				
1387	M893005	GS67718	860802	9766	PHOT	9706-2	PSS				
1388	M740002	AGD0646	881109	9766	21	9710-3	COMP				
1389	M740002	AGD1234	881115	9766	34	9710-3	COMP	9703-3	35		
1390	M745000	LA85769	881031	9766	35	9710-3	COMP				
1391	M745000	LA89516	890120	9766	35	9710-3	COMP				
1392	M740002	LA74310	890927	9766	159	9720-8	152				
1393	M740002	HWD0032	871215	9769	151	9103	129D				
1394	M740002	LA87391	880427	9769	151	9207	517A				
1395	M893005	GL10508	840421	9769		9208					
1396	M748000	GL82943	881215	9769	ELV1	9706-2	PSS				
1397	M748000	LA72429	880119	9831	ELEC	9114	ACNT				
1398	M740002	LA17079	910111	9983		9711-1	30				
1399	M893005	GC13636	880216	9995	52	9702	Z-7				
1400	M740002	AGD4215	881109	9995	59	9710-3	COMP	9710-3	237		
1401	M740002	DHM3716	911202	9998	G005	9103	129D				
1402	M745000	GC13060	870120	9998	OFF	9212					
1403	M748000	GL76872	870612	9998	FORE	9996	DOCK	9996	DOCK		
1404	M748000	GL09501	910627	9998	FDRY	9706-2	PSS	9998	CHNG		
1405	M748000	GL74892	880114	9998	ELEV	9706-2	PSS				

	A	B	C	D	E	F	G	H	I	J	K
1	Main Acct.	Line Number	Active Date	Building 1	Room 1	Building 2	Room 2	Building 3	Room 3	Building 4	Room 4
1406	M748000	GL11420	850211	9998	CHNG	9710-2	BTA9				
1407	M748000	GL13983	850211	9998	CHNG	9710-2	BTA6				
1408	M748000	GL16360	850211	9998	CHNG	9710-2	BTA7				
1409	M740002	D500993	930913	1009COM	375	MEDICAL	L202				
1410	M745000	GC11492	860226	100TWR		4512	COMP				
1411	M740002	D500180	920826	105BWAY	2FLR	K-1007	1003				
1412	M740002	DHD3441	910709	105MIT	040A	2714-G	W007				
1413	M740002	D500884	930827	105MIT	267	4500-S	T002				
1414	M740002	D500200	931201	105MIT	40A	COMERCE	PARK				
1415	M740002	D500990	931011	105MIT	40	MEDICAL	L202				
1416	M740002	GD39668	931103	118MIT	8	9702	CA10				
1417	M740002	DHD0076	930204	1201TPK	ELEC	9117	140				
1418	M740002	GDP1638	900403	1404-1		1405	WPLT	1404-3			
1419	M745000	CS68343	861027	1501-1	Y-12	9706-2	PSS				
1420	M740002	D501057	931011	173MIT		9117	140				
1421	M745000	AGM5166	800902	1916-T1		9706-2					
1422	M745000	GC10139	800902	1916-T1		FEDERAL	B011				
1423	M745000	GC10137	800902	1916-T1		FURNACE					
1424	M748000	GL10483	900102	1916-T2	1	1916-T1	215	1916-T1	041A		
1425	M745000	GS84186	900102	1916-T2	1	2714-H	SAFG				
1426	M745000	AGM5165	800902	1916-T2		9706-2	CONF				
1427	M748000	GL10194	890323	1916-T2	1	FEDERAL	LOBB				
1428	M748000	GL10199	900102	1916-T2	1	FEDERAL	LOBB				
1429	M748000	GL10961	900102	1916-T2	7	FEDERAL	00B9				
1430	M748000	GL14935	900102	1916-T2	7	FEDERAL	00B9				
1431	M748000	GL16417	900102	1916-T2	1	FEDERAL	0B02				
1432	M748000	GL18382	900102	1916-T2	7	FEDERAL	00B9				
1433	M745000	GS83198	900102	1916-T2	1	FEDERAL	B011				
1434	M745000	GS84859	900102	1916-T2	1	FEDERAL	B011				
1435	M745000	GS85145	900102	1916-T2	1	FEDERAL	B011				
1436	M745000	GS88135	900102	1916-T2	1	FEDERAL	B011				
1437	M745000	GS88484	900102	1916-T2	1	FEDERAL	B011				
1438	M740002	GD04275	900920	1956TPK	56	K-1035	140A				
1439	M740002	DHD3285	910222	2714-G	W007	4500-N	294				
1440	M740002	DHD3149	901214	2714-G	00W7	BETHEL	115A				
1441	M740002	D500991	931011	2714-G	W-07	MEDICAL	L202				
1442	M745000	GC13544	890113	2714-H		FEDERAL	B011				
1443	M745000	GS80587	890601	2714-H	VALT	FEDERAL	B011				
1444	M745000	AGM5164	891113	2714-J		9706-2					

	A	B	C	D	E	F	G	H	I	J	K
1	Main Acct.	Line Number	Active Date	Building 1	Room 1	Building 2	Room 2	Building 3	Room 3	Building 4	Room 4
1445	M740002	LA71796	890119	3026-C	5	4500-N	270				
1446	M740002	GD13227	860424	3033-A	LAB	4500-N	ATV				
1447	M740002	GD23211	920728	331-ROB	AT&T	K-1007	1003				
1448	M740002	DHD3817	921031	4500-N	294	907	1				
1449	M748000	GL10216	800902	4500-N		1505					
1450	M748000	GL02084	900608	4500-N	BASE	2010	CAFE				
1451	M745000	GS05244	900814	4500-N	BASE	2010	CAFE				
1452	M740002	AGD2931	830929	4500-N	BSMT	2016	CLOC				
1453	M745000	GS00070	900917	4500-N	COMP	2500	BAY				
1454	M745000	GS71547	870618	4500-N	120A	2500					
1455	M748000	AGL5115	800902	4500-N	CENT	3003					
1456	M747000	AGT0227	840229	4500-N	COMP	3017	2				
1457	M745000	GC13095	800902	4500-N	142	3017					
1458	M740002	AGD0832	860617	4500-N	13-A	3500	23				
1459	M740002	AGD3467	840517	4500-N		3500	B023				
1460	M745000	GL10210	810102	4500-N		3500	ZON7				
1461	M745000	GC11511	860121	4500-N	BSMT	4512	COMP				
1462	M745000	GC12798	860121	4500-N	BSMT	4512	COMP				
1463	M745000	GC14522	860202	4500-N	BSMT	4512	COMP				
1464	M745000	GC15894	860121	4500-N	BSMT	4512	COMP				
1465	M745000	GC15971	860122	4500-N	K233	4512	COMP				
1466	M745000	GC16859	860202	4500-N	BSMT	4512	COMP				
1467	M745000	GC17885	860124	4500-N		4512	COMP				
1468	M745000	GC19043	860121	4500-N	BSMT	4512	COMP				
1469	M746500	GL11137	910128	4500-N	C036	4512	TERM				
1470	M745000	GS00605	900806	4500-N	VALT	4512	LSS				
1471	M745000	LA10835	911024	4500-N	294	4512	PSS				
1472	M745000	GC11259	860226	4500-N	EQUP	5000	LSS	4512	CNTR		
1473	M745000	GC11348	860226	4500-N	EQUP	5000	LSS	4512	CNTR		
1474	M745000	GC11992	860226	4500-N	EQUP	5000	LSS	4512	CNTR		
1475	M745000	GC11993	860226	4500-N	EQUP	5000	LSS	4512	CNTR		
1476	M745000	GC12474	860228	4500-N	EQUP	5000	LSS	4512	CNTR		
1477	M745000	GC12862	860226	4500-N	EQUP	5000	LSS	4512	CNTR		
1478	M745000	GC13431	860228	4500-N	EQUP	5000	LSS	4512	CNTR		
1479	M745000	GC14201	860228	4500-N	EQUP	5000	LSS	4512	CNTR		
1480	M745000	GC14606	860228	4500-N	EQUP	5000	LSS	4512	CNTR		
1481	M745000	GC14857	860226	4500-N	EQUP	5000	LSS	4512	CNTR		
1482	M745000	GC15363	860226	4500-N	EQUP	5000	LSS	4512	CNTR		
1483	M745000	GC15370	860226	4500-N	EQUP	5000	LSS	4512	CNTR		

	A	B	C	D	E	F	G	H	I	J	K
1	Main Acct.	Line Number	Active Date	Building 1	Room 1	Building 2	Room 2	Building 3	Room 3	Building 4	Room 4
1484	M745000	GC15526	860226	4500-N	EQUP	5000	LSS	4512	CNTR		
1485	M745000	GC15871	860226	4500-N	EQUP	5000	LSS	4512	CNTR		
1486	M745000	GC16510	860228	4500-N	EQUP	5000	LSS	4512	CNTR		
1487	M745000	GC16718	860226	4500-N	EQUP	5000	LSS	4512	CNTR		
1488	M745000	GC17131	860226	4500-N	EQUP	5000	LSS	4512	CNTR		
1489	M745000	GC17303	860226	4500-N	EQUP	5000	LSS	4512	CNTR		
1490	M745000	GC18225	860226	4500-N	EQUP	5000	LSS	4512	CNTR		
1491	M745000	GC18572	860228	4500-N	EQUP	5000	LSS	4512	CNTR		
1492	M745000	GC18685	860226	4500-N	EQUP	5000	LSS	4512	CNTR		
1493	M745000	GC18888	860226	4500-N	EQUP	5000	LSS	4512	CNTR		
1494	M745000	GC19003	860226	4500-N	EQUP	5000	LSS	4512	CNTR		
1495	M745000	GC19230	860226	4500-N	EQUP	5000	LSS	4512	CNTR		
1496	M745000	GC19650	860226	4500-N	EQUP	5000	LSS	4512	CNTR		
1497	M745000	GC19904	860228	4500-N	EQUP	5000	LSS	4512	CNTR		
1498	M745000	GC62551	860226	4500-N	EQUP	5000	LSS	4512	CNTR		
1499	M745000	GC64695	860226	4500-N	EQUP	5000	LSS	4512	CNTR		
1500	M745000	GC68170	860228	4500-N	EQUP	5000	LSS	4512	CNTR		
1501	M748000	GL12698	860226	4500-N	EQUP	5000	LSS	4512	CNTR		
1502	M748000	GL14292	860226	4500-N	EQUP	5000	LSS	4512			
1503	M748000	GL16269	860226	4500-N	EQUP	5000	LSS	4512	CNTR		
1504	M748000	GL19097	860226	4500-N	EQUP	5000	LSS	4512	CNTR		
1505	M748000	GL19615	860226	4500-N	EQUP	5000	LSS	4512	CNTR		
1506	M748000	GL94490	890807	4500-N	CO	5510	112				
1507	M745000	GS95918	890807	4500-N	CNTL	5510	112				
1508	M745000	GD80394	880516	4500-N	ATV	6010	HALL				
1509	M747000	AGT0117	821202	4500-N	294	6025	009M				
1510	M747000	GT10352	821207	4500-N	294	6025	1M				
1511	M740002	LA05099	900614	4500-N	7	7001	200A				
1512	M740002	LA08364	900614	4500-N	9	7001	200A				
1513	M740002	LA69239	860523	4500-N	BSMT	7001	200				
1514	M740002	LA71038	900405	4500-N	I103	7001	COMP				
1515	M740002	LA78502	900405	4500-N	I103	7001	COMP				
1516	M740002	LA99186	900405	4500-N	I103	7001	COMP				
1517	M748000	GL97294	891113	4500-N	VAUT	7012	SHOP				
1518	M748000	GS90506	891113	4500-N	VAUT	7012	SHOP				
1519	M740002	D500398	930118	4500-N	294	7601	101				
1520	M740002	GD30122	930421	4500-N	294	7710	TCRM				
1521	M745000	GS72857	900531	4500-N	TELE	7824	TELE				
1522	M740002	AGD3326	821102	4500-N	270	7900	1FLR				

	A	B	C	D	E	F	G	H	I	J	K
1	Main Acct.	Line Number	Active Date	Building 1	Room 1	Building 2	Room 2	Building 3	Room 3	Building 4	Room 4
1523	M740002	DH72254	920521	4500-N	294	9103	129D				
1524	M740002	GD06613	900521	4500-N	F004	9709	148				
1525	M740002	GD88830	880902	4500-N	F004	9709	143				
1526	M740002	AGD2437	830902	4500-N	F004	4500-S	T002				
1527	M747000	AGT0021	821102	4500-N	270	4500-S	T002				
1528	M747000	AGT0246	911016	4500-N	125A	4500-S	T002	4500N	C208		
1529	M745000	GTP0096	881026	4500-N	H12	4500-S	T002				
1530	M748000	GL19174	910220	4500-N	ATV	6026-B	COMM				
1531	M745000	GS16468	910220	4500-N	ATV	6026-B	COMM				
1532	M740002	DHD3715	921031	4500-N	294	701SCAR	B317				
1533	M740002	GD31596	930514	4500-N	294	7666A	COMM				
1534	M740002	DHD0080	921031	4500-N	294	78MITCH	ROAD				
1535	M748000	GL10217	800902	4500-N		9201-2					
1536	M740002	AGD2431	860723	4500-N	F004	9711-1	LIBR				
1537	M740002	D500397	930107	4500-N	294	97BMID	TLCM				
1538	M748000	GL87649	880510	4500-N	5	BETHEL	PSUB				
1539	M740002	D500850	930930	4500-N	294	CLINTON	SCHL				
1540	M740002	GD83936	880513	4500-N	F004	K-1002	18				
1541	M740002	D500986	931114	4500-N	270	MUSEUM	2FLR				
1542	M740002	LA11284	911024	4500-N	294	TOWER	B				
1543	M740002	LA14358	911024	4500-N	294	TOWER	A				
1544	M745000	GC69528	860602	4500-N	BOP			4512	CNTR		
1545	M740002	AGD1640	820914	4500-S	T002	2001	A118				
1546	M747000	AGT0062	850509	4500-S	T002	2001	E101				
1547	M747000	AGT0095	821102	4500-S	T002	2001	125A				
1548	M747000	AGT0249	821102	4500-S	T002	2026	104				
1549	M747000	AGT0250	821102	4500-S	T002	3019	201				
1550	M745000	AGM1006	820902	4500-S	A255	3105					
1551	M745000	AGM5103	800902	4500-S	T026	3105					
1552	M740002	LA61076	860612	4500-S	E163	3105					
1553	M740002	AGD1709	931102	4500-S	B-52	3500	B-23				
1554	M747000	AGT0238	821102	4500-S	T001	3500	B3				
1555	M740002	LA07349	900320	4500-S	H147	3500	B023				
1556	M740002	LA83833	911002	4500-S	S248	3500	B023				
1557	M740002	LA04506	900411	4500-S	H257	3608	CNTR				
1558	M740002	GD15364	851008	4500-S	F259	4501	BG75				
1559	M740002	GD18862	851008	4500-S	F259	4501	BG75				
1560	M747000	AGT0121	821102	4500-S	T002	4507					
1561	M745000	AGM5207	800902	4500-S	B151	4508	B163				

	A	B	C	D	E	F	G	H	I	J	K
1	Main Acct.	Line Number	Active Date	Building 1	Room 1	Building 2	Room 2	Building 3	Room 3	Building 4	Room 4
1562	M746500	ART7602	860516	4500-S	T002	4512					
1563	M746500	ART7603	860516	4500-S	T012	4512		4512			
1564	M746500	ART7604	860516	4500-S	T012	4512					
1565	M746500	ART7605	860516	4500-S	T012	4512					
1566	M745000	GC10797	860124	4500-S		4512	COMP				
1567	M745000	GC12773	860124	4500-S		4512	COMP				
1568	M745000	GS11102	911003	4500-S	S269	4512					
1569	M745000	GS11598	911003	4500-S	B261	4512					
1570	M745000	GS71469	870612	4500-S	R111	4512	COMP				
1571	M745000	GS74563	870612	4500-S	G155	4512	COMP				
1572	M745000	GS78280	870612	4500-S	R243	4512	COMP				
1573	M746500	GT09191	930607	4500-S	A158	4512	CTRL				
1574	M747000	AGT0116	821102	4500-S	T002	6025	LAB4				
1575	M747000	AGT0236	821102	4500-S	T002	6025	22W				
1576	M747000	AGT0237	821102	4500-S	T002	6025	24W				
1577	M740002	GD14891	890501	4500-S	T002	7603	256				
1578	M740002	AGD1487	840902	4500-S	T002	9112	122E				
1579	M740002	GD10560	910320	4500-S	T002	9117	129				
1580	M740002	GD67920	890502	4500-S	T002	9769	151				
1581	M746500	GR10002	930824	4500-S	H251	3026-C	23	4500-S	H251	4500-S	H251
1582	M740002	AGD1410	890818	4500-S	T002	4500-N	294				
1583	M740002	AGD2882	890818	4500-S	T002	4500-N	294				
1584	M740002	AGD4456	881219	4500-S	COMP	4500-N	C005	4500-N	C016		
1585	M747000	AGT0055	831101	4500-S	T002	4500-N	F17	4500-N	E17		
1586	M747000	AGT0066	821102	4500-S	T002	4500-N	G29B				
1587	M747000	AGT0244	821102	4500-S	T002	4500-N	206				
1588	M745000	GC13770	811026	4500-S	G063	4500-N	BSMT				
1589	M745000	GD03017	901112	4500-S	T012	4500-N	ATV	2500	CTRL	4512	COMM
1590	M740002	GDP3314	910124	4500-S	T002	4500-N	270				
1591	M748000	GL10477	811026	4500-S	G063	4500-N	BSMT				
1592	M745000	GS07194	900727	4500-S	T012	4500-N	AUX				
1593	M745000	GS10652	910801	4500-S	R219	4500-N	ATV				
1594	M745000	GS27254	921204	4500-S		4500-N	ATV				
1595	M745000	GS32532	930202	4500-S	F046	4500-N	ATV				
1596	M745000	GS87330	880831	4500-S	G064	4500-N	I&C				
1597	M745000	GS94385	891103	4500-S	C154	4500-N	BASE				
1598	M740002	LA16745	900507	4500-S	S177	4500-N	294				
1599	M740002	LA72793	870501	4500-S	G063	4500-N	CAGE				
1600	M740002	LAP0017	891116	4500-S	T002	4500-N	294				

	A	B	C	D	E	F	G	H	I	J	K
1	Main Acct.	Line Number	Active Date	Building 1	Room 1	Building 2	Room 2	Building 3	Room 3	Building 4	Room 4
1601	M740002	HWD0031	931007	4500-S	T002	55JEFF	0				
1602	M740002	AGD1026	811016	4500-S	T002	9201-2	207				
1603	M740002	AGD3769	811228	4500-S	T002	9201-2	201				
1604	M740002	AGD4302	821105	4500-S	T002	BADGER	210				
1605	M747000	AGT0105	821102	4500-S	T002	D.CONF					
1606	M747000	AGT0104	821102	4500-S	T002	E. AUD.					
1607	M740002	GD12883	851025	4500-S	T002	K-1007	1003				
1608	M740002	HWD0037	891118	4500-S	T002	K-1007	MACH				
1609	M740002	DHD0067	890705	55JEFF	COMP	2714					
1610	M740002	GD16282	930920	55JEFF	C104	9114	2123				
1611	M740002	D500334	921221	55JEFF	C103	9117	133D				
1612	M745000	GC10192	850301	55JEFF	LOBY	9706-2					
1613	M745000	GS11534	850718	55JEFF	117E	FEDERAL	B03				
1614	M745000	GS13151	850625	55JEFF	103	FEDERAL	B3				
1615	M745000	LA72671	870611	55JEFF	212H	FEDERAL	B003				
1616	M745000	LA74262	870611	55JEFF	115	FEDERAL	B003				
1617	M745000	LA78499	870611	55JEFF	104	FEDERAL	B003				
1618	M740002	DH83663	890509	55JEFF	B037	JEFERSN					
1619	M740002	DH87837	890509	55JEFF	B037	JEFERSN					
1620	M740002	GD12700	860302	55JEFF	217	K-1023	COVA				
1621	M740002	GD76762	870330	55JEFF	217	K-1023	VAX2				
1622	M740002	GD25828	920309	55JEFF	C103	LAB	MDF				
1623	M748000	GL09671	900205	6026-A	TRLR	4500-N	VAUT				
1624	M745000	GS06932	900205	6026-A	TRLR	4500-N	VAUT				
1625	M745000	GL06673	900807	6556-A	EQPT	4512	LSS				
1626	M740002	HWD0064	920701	701SCA	B316	1000	226A				
1627	M740002	H500420	930419	701SCA	1FLR	9117	129				
1628	M740002	GD13288	931006	701SCA	341	9737	SHOP				
1629	M740002	GD19945	931006	701SCA	341	9737	6				
1630	M740002	DH50065	920605	701SCA	B317	4500-N	294				
1631	M740002	GD04340	900827	702SIA	201	K-1039	MUX				
1632	M740002	H500618	931020	702SIA	11	MEDICAL	L202				
1633	M745000	GS15254	910821	7078-A	TRLR	2500	VAUT				
1634	M740002	D500839	930928	7078-A	TRLR	4500-N	294				
1635	M748000	GL18902	910913	7078-A	TRLR	4500-N	VLT				
1636	M745000	GS18708	910913	7078-A	TRLR	4500-N	VAUT				
1637	M748000	GL86194	880606	7964-B	HALL	4500-N	COFC				
1638	M745000	GS84905	880606	7964-B	HALL	4500-N	COFC				
1639	M748000	GL83039	880606	7964-C	BAY	4500-N	COFC				

	A	B	C	D	E	F	G	H	I	J	K
1	Main Acct.	Line Number	Active Date	Building 1	Room 1	Building 2	Room 2	Building 3	Room 3	Building 4	Room 4
1640	M745000	GS87778	880606	7964-C	BAY	4500-N	COFC				
1641	M740002	DHD3566	910930	800TPK	212	K-1007	1003				
1642	M740002	GD32408	930329	800TPK	212	K-1007	HALL				
1643	M740002	HWD2024	911121	800TPK	212	K-1330	TC				
1644	M740002	HWD0981	901130	831TCB	EQPT	JEFERSN	119				
1645	M740002	D500538	930309	831TCB	B021	K-1007	1003				
1646	M747000	AGT0024	800902	9104-2	14	9737	225				
1647	M740002	AGD3601	860211	9104-2	14	4500-N	270				
1648	M740002	AGD3602	890821	9104-2	14	4500-N	270				
1649	M747000	AGT0023	831202	9104-2	14	9104-1	20				
1650	M747000	AGT0044	821102	9104-2	14	9201-2	EBT				
1651	M747000	AGT0045	821102	9104-2	14	9201-2	ORMK				
1652	M747000	AGT0046	821102	9104-2	14	9201-2					
1653	M747000	AGT0103	841217	9104-2	14	9201-3	374				
1654	M747000	AGT0282	831202	9104-2	14	9201-3	111				
1655	M747000	AGT0047	810201	9104-2	14	9204-1	288				
1656	M747000	AGT0275	821102	9104-2	14	9706-2					
1657	M740002	AGD1129	890105	9201-1	FORE	9208	COMP				
1658	M748000	GL10185	900711	9201-1	WEST	9706-2	PSS				
1659	M748000	GL10499	830921	9201-1	ASMB	9706-2	PSS				
1660	M740002	LA78545	880729	9201-1	210	9720-8	MUX				
1661	M740002	LA81586	880201	9201-2	201	9103	129D				
1662	M740002	AGD2907	860211	9201-2	201	9105	218				
1663	M740002	AGD2908	860211	9201-2	201	9105	220				
1664	M740002	AGD2909	860211	9201-2	201	9105	101B				
1665	M740002	AGD2911	860211	9201-2	201	9105	102				
1666	M740002	AGD4836	860211	9201-2	201	9105	101A				
1667	M740002	AGD4837	860211	9201-2	201	9105	101A				
1668	M740002	AGD4839	860211	9201-2	201	9105	210				
1669	M740002	AGD4840	860211	9201-2	201	9105	214				
1670	M740002	GD18673	860211	9201-2	201	9105	205				
1671	M740002	AGD1151	801201	9201-2		9201	243				
1672	M740002	DHD0073	900208	9201-2	201	4500-N	294				
1673	M740002	GD16049	850620	9201-2	201	9201-3	221				
1674	M740002	AGD3568	830225	9201-2	201	9204-1	LCTF				
1675	M740002	LA10229	860107	9201-2	COMP	9204-1	CONT				
1676	M740002	GD15098	850716	9201-2	201	9204-3	221				
1677	M748000	GL16451	860220	9201-2	ELV3	9706-2	PSSO				
1678	M740002	AGD4752	811002	9201-2	202	MAXIMA					

	A	B	C	D	E	F	G	H	I	J	K
1	Main Acct.	Line Number	Active Date	Building 1	Room 1	Building 2	Room 2	Building 3	Room 3	Building 4	Room 4
1679	M740002	GD68158	860902	9201-3	BOX	9706-2	ATIC				
1680	M745000	GS61188	860513	9201-3	108	9706-2	PSSO				
1681	M745000	GS65817	860513	9201-3	108	9706-2	PSSO				
1682	M745000	GC13798	820617	9201-3	235	9710-2	CONT				
1683	M745000	GC13799	820617	9201-3	235	9710-2	CNTR				
1684	M740002	AGD1101	930609	9201-4	2FLR	9208	8111				
1685	M740002	AGD1109	880702	9201-5	M004	9208	COMP				
1686	M740002	AGD1855	900718	9201-5	M004	9208	COMP				
1687	M740002	AGD3556	881214	9201-5	MAIN	9208	COMP				
1688	M740002	AGD4547	900718	9201-5	M004	9208	8111				
1689	M740002	DHD3547	930204	9201-5	2041	9208	COMP				
1690	M745000	GC13828	830504	9201-5		9702		9204-2		9702	
1691	M748000	GL10496	830504	9201-5		9702		9204-2		9702	
1692	M740002	AGD2263	830317	9201-5	MNTC	9731					
1693	M747000	GT10340	831230	9201-5		9731	OFFC				
1694	M740002	AGD1104	890629	9201-5	2FLR	9720-20					
1695	M747000	AGT3899	821102	9201-5		9723-25					
1696	M740002	GD01131	900320	9201-5	F226	9767-13	CNTL				
1697	M740002	AGD1113	901107	9204-1	L019	9208	8111				
1698	M745000	GC13859	840817	9204-1	F-25	9706-2	PSS				
1699	M740002	AGD0757	890702	9204-2	FLR2	9208	111A				
1700	M740002	AGD1125	881228	9204-2	MANT	9208	COMP				
1701	M747000	AGT1201	890918	9204-2	FL1	9208	111A				
1702	M740002	AGD0848	840530	9204-2	FRMN	9204-2E	F-2				
1703	M745000	GC13847	831117	9204-2	1FLR	9204-2E	E-3				
1704	M748000	GL10180	931109	9204-2	ASSY	9706-2	PSSO				
1705	M748000	GL10379	931025	9204-2	ASSY	9706-2	PSSO				
1706	M748000	GL80750	881215	9204-2	ELV4	9706-2	PSS				
1707	M740002	HWD0022	861120	9204-2E	2FLR	9103	129D				
1708	M740002	HWD1179	910207	9204-2E	COMP	9103	129				
1709	M740002	LA62968	861107	9204-2E	M101	9103	129D				
1710	M740002	LA63137	861107	9204-2E	M101	9103	129D				
1711	M740002	LA67811	861107	9204-2E	M101	9103	129D				
1712	M740002	LA68026	861107	9204-2E	M101	9103	129D				
1713	M740002	AGD1127	890118	9204-2E		9208	COMP				
1714	M740002	LA01167	900226	9204-2E	FLR1	9208	8111				
1715	M740002	AGD0852	840530	9204-2E	J6	9204-2	NM				
1716	M748000	GL10502	831117	9204-2E	J-6	9204-2E	B-5	9204-2	1FLR		
1717	M745000	GC13522	800902	9204-2E	DISP	972311A					

	A	B	C	D	E	F	G	H	I	J	K
1	Main Acct.	Line Number	Active Date	Building 1	Room 1	Building 2	Room 2	Building 3	Room 3	Building 4	Room 4
1718	M740002	DHD3476	910902	9204-3	309	9702					
1719	M748000	GL14766	910204	9204-3	1FLR	9706-2	PSS				
1720	M745000	GS89706	881109	9204-3	POLE	9706-2	TEL				
1721	M745000	LA80845	881020	9204-3	NW	9710-3	COMP				
1722	M740002	AGD1111	890910	9204-4	2FLR	9208	8111				
1723	M748000	GL94751	910703	9204-4	ELE1	9706-2	PSS	9702	EQUP		
1724	M745000	LA00671	901112	9204-4	PT54	9710-3	COMP				
1725	M748000	LA84426	880805	9204-4	F117	9983-72	MUX				
1726	M747000	AGT0005	910429	9404-20		9208	8111	9706-2			
1727	M748000	GL11081	880217	9616-7	200	9706-2	PSS				
1728	M740002	LA74527	880126	9616-7	261	9720-3	CNSL				
1729	M748000	GL78587	871110	9616-9		9702	AMP				
1730	M745000	GS74949	871110	9616-9		9702	AMP				
1731	M740002	LA66633	860620	9701-1	MUX	9704-1	BMUX				
1732	M748000	GL10307	821116	9701-1	POST	PORTAL	10				
1733	M740002	AGD1407	870827	9701-8		PORTAL	33	9949-1			
1734	M745000	GL10341	810102	9702-2	PSS	9107					
1735	M745000	GS68845	861118	9703-11	PT16	9706-2	PSS				
1736	M745000	GS68406	861124	9703-11	PT16	TOWER	49				
1737	M740002	GD10276	920527	9703-15	TRAN	9114	1714				
1738	M740002	GD93972	930428	9704-1	3	9115	118				
1739	M740002	GDP1122	890615	9704-1	5	9208	COMP				
1740	M740002	AGD3672	821102	9704-1		9204-3	212				
1741	M740002	GD90038	930428	9704-1	3	9706-2	PSSO				
1742	M740002	LA77073	871110	9704-1	3	TEST	SPWT				
1743	M740002	LA71351	880204	9704-1	3	TEST17					
1744	M740002	LA71302	871102	9704-1	3	TEST2					
1745	M740002	LA77561	871026	9704-1	3	TEST3					
1746	M740002	LA71473	871102	9704-1	3	TEST5					
1747	M740002	LA79681	870605	9704-1	3	WATER	TEST				
1748	M740002	LA69534	860902	9704-2	234	9103	127A				
1749	M740002	D500724	930624	9704-2	131	9117	140				
1750	M740002	AGD0890	900209	9704-2	105	9706-2	PSSO				
1751	M740002	AGD0969	840720	9704-2	111	9706-2	PSS				
1752	M740002	AGD0970	840720	9704-2	109	9706-2	PSS				
1753	M740002	AGD0971	840720	9704-2	102	9706-2	PSS				
1754	M740002	AGD0972	840720	9704-2	106	9706-2	PSS				
1755	M740002	AGD2288	830308	9704-2	B&P	9706-2	PSSO				
1756	M740002	AGD2289	830308	9704-2	B&P	9706-2	PSSO				

	A	B	C	D	E	F	G	H	I	J	K
1	Main Acct.	Line Number	Active Date	Building 1	Room 1	Building 2	Room 2	Building 3	Room 3	Building 4	Room 4
1757	M745000	GS65242	861003	9704-2	235	9706-2	PSS				
1758	M745000	GS68860	861002	9704-2	235	9706-2	PSS				
1759	M740002	LA62103	871223	9704-2	216	9720-8	152				
1760	M748000	GL14749	860103	9706-1	SFTY	9706-2	PSS				
1761	M745000	GS11996	860106	9706-1	SFTY	9706-2	PSS				
1762	M740002	AGD0170	850418	9706-2		3500	B023				
1763	M740002	AGD0171	850418	9706-2		3500	B023				
1764	M740002	AGD0937	850418	9706-2		3500	B023				
1765	M740002	GD19791	930511	9706-2	LAB	3500	B023				
1766	M746500	GD93388	890208	9706-2	PSS	7740	X10				
1767	M745000	LA24628	920721	9706-2	PSS	9103	129E				
1768	M740002	LA79693	870205	9706-2	ATTC	9113	273				
1769	M748000	GL33033	930630	9706-2	PSS	9116	218				
1770	M748000	GL10174	800910	9706-2	PSSO	9202					
1771	M748000	GL10373	801020	9706-2	PSSO	9202	ASSY				
1772	M748000	GL14224	860422	9706-2	PSS	9202	ELEV				
1773	M748000	GL15409	860422	9706-2	PSS	9202	ELV4				
1774	M748000	GL19179	860422	9706-2	PSS	9202	ELEV				
1775	M748000	GL19195	860422	9706-2	PSS	9202	ELV3				
1776	M745000	GS22506	920511	9706-2	PSS	9202	216E				
1777	M745000	GS22687	920511	9706-2	PSS	9202	216E				
1778	M740002	AGD0311	850913	9706-2	ATIC	9203	1FLR				
1779	M748000	GL12889	860422	9706-2	PSS	9203	ELV1				
1780	M748000	GL14693	860422	9706-2	PSS	9206	ELEV				
1781	M893005	GC13668	810102	9706-2		9207					
1782	M748000	GL10184	800916	9706-2	PSSO	9207					
1783	M748000	GL12876	860422	9706-2	PSS	9207	ELV4				
1784	M748000	GL18968	860422	9706-2	PSS	9207	ELV3				
1785	M748000	GL19527	860422	9706-2	PSS	9207	ELV2				
1786	M748000	GL19705	861009	9706-2	PSS	9207	ELV1				
1787	M748000	GL14748	860422	9706-2	PSS	9210	ELV2				
1788	M748000	GL17336	860422	9706-2	PSS	9210	ELV1				
1789	M748000	GL14697	860422	9706-2	PSS	9211	ELV1				
1790	M748000	GL15944	860422	9706-2	PSS	9211	ELV2				
1791	M740002	AGD0347	850913	9706-2	ATIC	9212	BSMT				
1792	M748000	GL10376	841129	9706-2	PSSO	9212	ASSY				
1793	M748000	GL10182	800916	9706-2	PSSO	9213					
1794	M740002	AGD4650	850913	9706-2	ATIC	9215	2FLR				
1795	M748000	GL10314	840814	9706-2	PS30	9215	PT30	9215	TERM		

	A	B	C	D	E	F	G	H	I	J	K
1	Main Acct.	Line Number	Active Date	Building 1	Room 1	Building 2	Room 2	Building 3	Room 3	Building 4	Room 4
1796	M748000	GL12126	860422	9706-2	PSS	9215	ELV2				
1797	M748000	GL14833	860422	9706-2	PSS	9215	ELV3				
1798	M748000	GL18638	860422	9706-2	PSS	9215	ELV1				
1799	M893005	GC13663	810102	9706-2		9702					
1800	M893005	GC13664	810102	9706-2		9702					
1801	M893005	GC13665	810102	9706-2		9702					
1802	M893005	GC13666	810102	9706-2		9702					
1803	M893005	GC13667	810102	9706-2		9702					
1804	M893005	GC13669	810102	9706-2		9702					
1805	M893005	GC13670	810102	9706-2		9702					
1806	M893005	GC13671	810102	9706-2		9702					
1807	M893005	GC13672	810102	9706-2		9702					
1808	M893005	GC13673	810102	9706-2		9702					
1809	M893005	GC13674	810102	9706-2		9702					
1810	M893005	GC13675	810102	9706-2		9702					
1811	M893005	GC13676	810221	9706-2		9702					
1812	M893005	GC13677	810221	9706-2		9702					
1813	M893005	GC13678	810102	9706-2		9702					
1814	M893005	GC13679	810102	9706-2		9702					
1815	M893005	GC13680	810102	9706-2		9702					
1816	M893005	GC13681	810102	9706-2		9702					
1817	M893005	GC13682	810102	9706-2		9702					
1818	M893005	GC13683	810102	9706-2		9702					
1819	M893005	GC13684	810102	9706-2		9702					
1820	M893005	GC13685	810102	9706-2		9702	Z-4				
1821	M893005	GC13686	810102	9706-2		9702	Z-5				
1822	M893005	GC13687	810102	9706-2		9702	Z-6				
1823	M893005	GC13688	810102	9706-2		9702	Z-8				
1824	M893005	GC13689	810102	9706-2		9702	Z-8				
1825	M893005	GC13690	810102	9706-2		9702	Z-9				
1826	M893005	GC13691	810102	9706-2		9702	Z-10				
1827	M893005	GC13692	810102	9706-2		9702	Z-11				
1828	M893005	GC13693	810102	9706-2		9702	Z-12				
1829	M893005	GC13694	810102	9706-2		9702	Z-13				
1830	M893005	GC13695	810102	9706-2		9702					
1831	M893005	GC13696	810102	9706-2		9702					
1832	M893005	GC13697	810102	9706-2		9702					
1833	M893005	GC13698	810102	9706-2		9702					
1834	M893005	GC13699	810102	9706-2		9702					

	A	B	C	D	E	F	G	H	I	J	K
1	Main Acct.	Line Number	Active Date	Building 1	Room 1	Building 2	Room 2	Building 3	Room 3	Building 4	Room 4
1835	M893005	GC13700	810102	9706-2		9702					
1836	M893005	GC13701	810102	9706-2		9702					
1837	M893005	GC13702	810102	9706-2		9702					
1838	M893005	GC13703	810102	9706-2		9702					
1839	M893005	GC13704	810102	9706-2		9702					
1840	M893005	GC13736	810102	9706-2		9702					
1841	M893005	GC13737	810102	9706-2		9702					
1842	M893005	GC13739	810216	9706-2		9702	Z-9				
1843	M745000	GC13744	810212	9706-2		9702					
1844	M745000	GC13745	810219	9706-2		9702					
1845	M745000	GC13746	810220	9706-2	PSS	9702					
1846	M745000	GC13747	810220	9706-2	PSS	9702					
1847	M893005	GL10468	810102	9706-2		9702					
1848	M893005	GL10470	810321	9706-2		9702					
1849	M740002	AGD4136	850913	9706-2	ATIC	9709	B008				
1850	M748000	GL10173	800910	9706-2	PSSO	9737					
1851	M748000	GL14762	860422	9706-2	PSS	9737	ELV1				
1852	M740002	AGD1692	820917	9706-2	PSS	9766	34				
1853	M740002	AGD2290	830308	9706-2	PSSO	9766	34				
1854	M740002	AGD2291	830308	9706-2	PSSO	9766	34				
1855	M748000	GL11442	860422	9706-2	PSS	9769	ELV1				
1856	M745000	GS15528	850603	9706-2	PSSO	9804	PT31				
1857	M740002	AGD0618	850913	9706-2	ATIC	9995	D6				
1858	M748000	GL10176	800911	9706-2	PSSO	9995					
1859	M748000	GL10375	801020	9706-2	PSSO	9995	ASSY				
1860	M748000	GL12147	860422	9706-2	PSS	9995	ELV1				
1861	M748000	GL14378	881024	9706-2	PSS	9995	ELV2				
1862	M748000	GL13613	860422	9706-2	PSS	9998	ELV1				
1863	M748000	GL15292	860422	9706-2	PSS	9998	ELV3				
1864	M748000	GL19449	860422	9706-2	PSS	9998	ELV2				
1865	M748000	GL85533	881114	9706-2	PSS	100TPK	SWIT				
1866	M748000	GL86862	881114	9706-2	PSS	100TPK	SWIT				
1867	M748000	GL86883	920714	9706-2	PSS	100TPK	1501				
1868	M740002	AGD0619	850913	9706-2	ATIC	9201-1	K13				
1869	M748000	GL12383	851025	9706-2	PSS	9201-1	ELV2				
1870	M748000	GL16929	901219	9706-2	PSS	9201-1	ELV1				
1871	M748000	GL19956	851025	9706-2	PSS	9201-1	ELV3				
1872	M740002	AGD4128	850913	9706-2	ATIC	9201-2	K-16				
1873	M748000	GL10579	851025	9706-2	PSS	9201-2	ELEV				

	A	B	C	D	E	F	G	H	I	J	K
1	Main Acct.	Line Number	Active Date	Building 1	Room 1	Building 2	Room 2	Building 3	Room 3	Building 4	Room 4
1874	M748000	GL13830	851025	9706-2	PSS	9201-2	ELEV				
1875	M748000	GL14659	851025	9706-2	PSS	9201-2	ELEV				
1876	M748000	GL14672	851025	9706-2	PSS	9201-2	ELEV				
1877	M748000	GL17224	851025	9706-2	PSS	9201-2	ELEV				
1878	M740002	AGD3013	850927	9706-2	ATTC	9201-3	TRLR				
1879	M740002	AGD3014	850927	9706-2	ATTC	9201-3	TRLR				
1880	M748000	GL10380	800930	9706-2	PSSO	9201-3	ASSY				
1881	M748000	GL11498	851025	9706-2	PSS	9201-3	ELV3				
1882	M748000	GL16567	851025	9706-2	PSS	9201-3	ELV1				
1883	M748000	GL17414	851025	9706-2	PSS	9201-3	ELV5				
1884	M748000	GL19294	851025	9706-2	PSS	9201-3	ELEV				
1885	M748000	GL10574	851025	9706-2	PSS	9201-4	ELV6				
1886	M748000	GL10615	851025	9706-2	PSS	9201-4	ELV5				
1887	M748000	GL12835	851025	9706-2	PSS	9201-4	ELV2				
1888	M748000	GL14452	851025	9706-2	PSS	9201-4	ELEV				
1889	M748000	GL14619	851025	9706-2	PSS	9201-4	ELV3				
1890	M748000	GL17360	851025	9706-2	PSS	9201-4	ELV1				
1891	M740002	AGD0348	850913	9706-2	ATIC	9201-5	28K				
1892	M748000	GL10638	851025	9706-2	PSS	9201-5	ELV6				
1893	M748000	GL11185	860505	9706-2	PSS	9201-5	ELV4				
1894	M748000	GL12536	851025	9706-2	PSS	9201-5	ELV1				
1895	M748000	GL13418	851025	9706-2	PSS	9201-5	ELV7				
1896	M748000	GL13951	851025	9706-2	PSS	9201-5	ELEV				
1897	M748000	GL14012	851025	9706-2	PSS	9201-5	ELV9				
1898	M748000	GL15162	851025	9706-2	PSS	9201-5	ELV2				
1899	M748000	GL15293	851025	9706-2	PSS	9201-5	ELV5				
1900	M748000	GL15318	860513	9706-2	PSS	9201-5	ELV8				
1901	M748000	GL15362	860513	9706-2	PSS	9201-5	ELEV				
1902	M748000	GL18373	851025	9706-2	PSS	9201-5	ELV3				
1903	M748000	AGL5103	800902	9706-2		9201-5N					
1904	M745000	AGM5137	800902	9706-2		9201-5N					
1905	M748000	GL18781	851025	9706-2	PSS	9201-5N	ELV2				
1906	M748000	GL15503	860422	9706-2	PSS	9204-1	ELEV				
1907	M748000	GL16702	860422	9706-2	PSS	9204-1	ELEV				
1908	M745000	GS16448	850603	9706-2	PSSO	9204-1	PT24				
1909	M748000	GL12113	860422	9706-2	PSS	9204-2	ELEV				
1910	M748000	GL12369	860422	9706-2	PSS	9204-2	ELV4				
1911	M748000	GL17016	860422	9706-2	PSS	9204-2	ELEV				
1912	M748000	GL18626	860422	9706-2	PSS	9204-2	ELV2				

	A	B	C	D	E	F	G	H	I	J	K
1	Main Acct.	Line Number	Active Date	Building 1	Room 1	Building 2	Room 2	Building 3	Room 3	Building 4	Room 4
1913	M740002	GL60496	860422	9706-2	PSS	9204-2	ELV3				
1914	M748000	AGL5007	800902	9706-2		9204-2E					
1915	M745000	AGM5135	800902	9706-2		9204-2E					
1916	M748000	GL18844	860422	9706-2	PSS	9204-2E	ELEV				
1917	M740002	LA01896	900508	9706-2	ATTC	9204-2E	COLM				
1918	M740002	AGD0692	850913	9706-2	ATIC	9204-3	F23				
1919	M748000	GL19255	860422	9706-2	PSS	9204-3	ELEV				
1920	M740002	AGD0571	850913	9706-2	ATIC	9204-4	M134				
1921	M748000	GL00310	910114	9706-2		9204-4	PT54				
1922	M748000	GL10181	800916	9706-2	PSSO	9204-4					
1923	M748000	GL10187	830805	9706-2	PSSO	9204-4					
1924	M748000	GL10378	830805	9706-2	PSSO	9204-4	ASSY				
1925	M748000	GL10473	801218	9706-2		9204-4					
1926	M748000	GL17893	860422	9706-2	PSS	9204-4	ELEV				
1927	M745000	GS17059	850603	9706-2	PSSO	9701-8	PTL1				
1928	M748000	GL64763	861121	9706-2	PSSO	9703-11	PORT				
1929	M745000	GS63815	860908	9706-2	PSSO	9703-11	PORT				
1930	M745000	GS65539	860908	9706-2	PSSO	9703-11	PORT				
1931	M740002	AGD0885	840623	9706-2	PSSO	9704-2	234A				
1932	M740002	AGD0886	840623	9706-2	PSSO	9704-2	234				
1933	M740002	AGD0887	840623	9706-2	PSSO	9704-2	238				
1934	M740002	AGD0889	840623	9706-2	PSSO	9704-2	105				
1935	M740002	AGD0891	840623	9706-2	PSSO	9704-2	175				
1936	M740002	AGD0892	840623	9706-2	PSSO	9704-2	177				
1937	M748000	GL37160	930702	9706-2	PSS	9704-2	229				
1938	M740002	GS34724	931104	9706-2	PSS	9704-2	109				
1939	M740002	GS38991	931109	9706-2	PSS	9704-2	109				
1940	M740002	GS39451	931109	9706-2	PSS	9704-2	109				
1941	M745000	LA76945	870408	9706-2	BSMT	9706-4					
1942	M748000	GL10487	830915	9706-2	PSP	9706-7	PSS				
1943	M893005	AGM5139	850408	9706-2		9710-2					
1944	M745000	GC13504	800902	9706-2		9710-2					
1945	M748000	GL10340	880211	9706-2	90	9710-2		9106	4	97061A	SFTY
1946	M748000	GL15345	920707	9706-2	CPX	9710-2	135				
1947	M746500	GL30249	930621	9706-2	PSS	9710-2	FRE				
1948	M746500	GL32231	930621	9706-2	PSS	9710-2	FRE				
1949	M746500	GL35759	930621	9706-2	PSS	9710-2	FRE				
1950	M746500	GL38511	930622	9706-2	PSS	9710-2	FRE				
1951	M746500	GR10068	820812	9706-2	PSS	9710-2	135				

	A	B	C	D	E	F	G	H	I	J	K
1	Main Acct.	Line Number	Active Date	Building 1	Room 1	Building 2	Room 2	Building 3	Room 3	Building 4	Room 4
1952	M746500	GR10069	820812	9706-2	PSS	9710-2	135				
1953	M746500	GR10070	820812	9706-2	PSS	9710-2	135				
1954	M746500	GR10071	820812	9706-2	PSS	9710-2	135				
1955	M746500	GR10072	820812	9706-2	PSS	9710-2	135				
1956	M746500	GR10073	820812	9706-2	PSS	9710-2	135				
1957	M746500	GR10074	820812	9706-2	PSS	9710-2	135				
1958	M746500	GR10075	820812	9706-2	PSS	9710-2	135				
1959	M746500	GR10076	820812	9706-2	PSS	9710-2	135				
1960	M746500	GR10077	820812	9706-2	PSS	9710-2	135				
1961	M746500	GR10078	820812	9706-2	PSS	9710-2	135				
1962	M740002	LA90922	890905	9706-2	PSSO	9710-2	FRE				
1963	M740002	LA94151	890905	9706-2	PSSO	9710-2	FRE				
1964	M740002	LA98891	890905	9706-2	PSSO	9710-2	FRE				
1965	M740002	AGD6934	881115	9706-2	PSS	9710-3	COMP	9710-3	237		
1966	M740002	AGD8233	881115	9706-2	PSS	9710-3	COMP	9710-3	237		
1967	M748000	GL87566	880415	9706-2	101	9710-3	241				
1968	M748000	GL89050	880702	9706-2	PSS	9710-3	ELEV				
1969	M745000	LA82331	890120	9706-2	PSS	9710-3	COMP				
1970	M748000	GL10190	910415	9706-2	100	9711-1		9983-32			
1971	M748000	GL10175	800910	9706-2	PSSO	9711-5					
1972	M748000	GL10188	830712	9706-2	PSSO	9711-5	CPTL				
1973	M748000	GL10334	860422	9706-2	PSS	9711-5	ELEV				
1974	M748000	GL10374	801020	9706-2	PSSO	9711-5	ASSY				
1975	M748000	GL10498	830813	9706-2	PSS	9711-5	ST17				
1976	M745000	GC13830	830420	9706-2	PSS	9720-2					
1977	M740002	LA95975	890616	9706-2	102	9720-3	DISP				
1978	M748000	GL10205	800902	9706-2		9720-33					
1979	M748000	GL10206	800902	9706-2		9720-33					
1980	M748000	GL10318	800902	9706-2		9720-6					
1981	M748000	GL36538	930701	9706-2	PSS	9720-6	145B				
1982	M740002	AGD4137	850913	9706-2	ATIC	9720-8	F009				
1983	M745000	AGM5147	800902	9706-2		9720-8					
1984	M745000	GC10134	820202	9706-2		9720-8					
1985	M745000	GC13791	820302	9706-2	PSS0	9720-8					
1986	M745000	GC13792	820302	9706-2	PSS0	9720-8					
1987	M745000	GC13793	820302	9706-2	PSS0	9720-8					
1988	M748000	GL36608	930701	9706-2	PSS	9723-14	002A				
1989	M748000	GL10320	890307	9706-2		9723-4					
1990	M746500	GL38979	930621	9706-2	PSS	9724-3	FRE				

	A	B	C	D	E	F	G	H	I	J	K
1	Main Acct.	Line Number	Active Date	Building 1	Room 1	Building 2	Room 2	Building 3	Room 3	Building 4	Room 4
1991	M745000	GC13829	830419	9706-2	PSS	9929-1					
1992	M748000	GL10172	921013	9706-2	PSS	9983-1					
1993	M748000	GL10189	910415	9706-2	100	9983-1					
1994	M745000	GC10128	841213	9706-2		CHEYENN	LOBY				
1995	M745000	GC10130	820202	9706-2		CHEYENN					
1996	M745000	GC10131	820202	9706-2		CHEYENN					
1997	M745000	GC10132	820202	9706-2		CHEYENN					
1998	M745000	GC10135	820202	9706-2		CHEYENN					
1999	M745000	GC10136	820202	9706-2		CHEYENN					
2000	M746500	GR10067	820812	9706-2	PSS	FEDERAL	B03				
2001	M748000	GL10302	800902	9706-2	PST2	PORTAL	2				
2002	M748000	GL10303	840804	9706-2	PST5	PORTAL	5				
2003	M748000	GL10304	810212	9706-2	POST	PORTAL	7				
2004	M748000	GL10306	800902	9706-2	PST9	PORTAL	9				
2005	M748000	GL10312	800902	9706-2	PS52	PORTAL	52				
2006	M748000	GL10313	800902	9706-2	PS29	PORTAL	29				
2007	M748000	GL10317	840602	9706-2	PS42	PORTAL	42				
2008	M748000	GL15951	861210	9706-2	PSS	PORTAL	21				
2009	M748000	GL19780	861210	9706-2	PSS	PORTAL	82				
2010	M745000	GS15103	851014	9706-2	PSS	PORTAL	P-10				
2011	M745000	GS17533	901116	9706-2	PSSO	PORTAL	PT33				
2012	M745000	GS61926	861027	9706-2	PSS	PORTAL	22				
2013	M745000	GS64018	861027	9706-2	PSS	PORTAL	20				
2014	M745000	GS64225	861027	9706-2	PSS	PORTAL	22				
2015	M745000	GS64290	861027	9706-2	PSS	PORTAL	20				
2016	M745000	GS66941	861027	9706-2	PSS	PORTAL	23				
2017	M745000	GS67219	861027	9706-2	PSS	PORTAL	23				
2018	M745000	GS68444	861027	9706-2	PSS	PORTAL	21				
2019	M745000	GS69859	861027	9706-2	PSS	PORTAL	21				
2020	M745000	GS72543	870114	9706-2	MUX	TOWER	39				
2021	M745000	GS78641	870114	9706-2	MUX	TOWER	39				
2022	M740002	LA70099	910204	9706-2	PSS	TOWER					
2023	M745000	GS94810	890308	9706-2		Y-12	PT31		ROTO		
2024	M740002	GDP0916	880525	9710-2	FRE	9106	41	9710-3	237		
2025	M745000	GC13827	830404	9710-2	135	9202	311				
2026	M745000	GC13835	830707	9710-2	135	9202	311				
2027	M745000	GC13836	830707	9710-2	135	9202	311				
2028	M745000	GD93493	891102	9710-2	BET7	9764	4				
2029	M745000	GD94424	891102	9710-2	BET7	9764	4				

	A	B	C	D	E	F	G	H	I	J	K
1	Main Acct.	Line Number	Active Date	Building 1	Room 1	Building 2	Room 2	Building 3	Room 3	Building 4	Room 4
2030	M745000	GD95035	891102	9710-2	BET7	9764	4				
2031	M745000	GD98811	891102	9710-2	BET7	9764	4				
2032	M745000	GD99784	891102	9710-2	BET7	9764	4				
2033	M740002	AGD2737	830802	9710-2	135	9766	6				
2034	M745000	GC13775	820208	9710-2	35	9766	34				
2035	M745000	GC13779	820208	9710-2	35	9766	34				
2036	M748000	GL10474	850211	9710-2	135	9998	MENS				
2037	M748000	GL10038	800902	9710-2		119 MWY					
2038	M745000	GC13806	820930	9710-2	135	9201-1	INSP				
2039	M745000	GC13807	820930	9710-2	135	9201-1	INSP				
2040	M745000	GC13808	820930	9710-2	135	9201-1	INSP				
2041	M745000	GC13809	820930	9710-2	135	9201-1	INSP				
2042	M745000	GC13810	820930	9710-2	135	9201-1	INSP				
2043	M745000	GC13811	820930	9710-2	135	9201-1	INSP				
2044	M745000	GC13812	820930	9710-2	135	9201-1	INSP				
2045	M745000	GC13813	820930	9710-2	135	9201-1	INSP				
2046	M745000	GC13814	820930	9710-2	135	9201-1	INSP				
2047	M745000	GC80267	890109	9710-2	135	9201-1	INSP				
2048	M745000	GC13796	820528	9710-2	35	9201-3	321				
2049	M745000	GC13797	820528	9710-2	35	9201-3	321				
2050	M745000	GC13823	830302	9710-2	135	9401-3	FLR1				
2051	M740002	AGD1147	820323	9710-2	35	9706-2	PSS	97042	VISI		
2052	M748000	GL10308	920707	9710-2	135	9706-2	PSS				
2053	M748000	GL10476	811002	9710-2	135	9706-2	MED	9706-1	SFTY	9706-2	PSSO
2054	M740002	LA06723	900504	9710-2	PUCH	9990-3	BHSE				
2055	M746500	GT11352	850302	9710-2	135	FEDERAL	B03				
2056	M746500	GT15012	850307	9710-2	135	FEDERAL	B03				
2057	M746500	GT72003	870203	9710-2	ALAR	FEDERAL	B-03				
2058	M740002	GD81813	880702	9710-2		PORTAL	13				
2059	M740002	GDP0527	880525	9710-2	COMP	PORTAL	033A	9710-3	237		
2060	M745000	GDP3726	880525	9710-2	COMP	PORTAL	14	9710-3	237		
2061	M745000	LA60549	861027	9710-2	COMP	PORTAL	23				
2062	M745000	GS87091	880826	9710-2		PRTL8					
2063	M745000	GS88471	880826	9710-2		PRTL8					
2064	M748000	GL10316	920707	9710-2	135	Y-12	PTL				
2065	M745000	GS96748	890308	9710-2	BTA7	Y-12	PT08				
2066	M893005	GL86743	880315	9710-3	237	9702	AMPL				
2067	M893005	GS84678	880215	9710-3	237	9702	AMPL				
2068	M748000	GL84143	880909	9710-3	241	9706-2	PSS				

	A	B	C	D	E	F	G	H	I	J	K
1	Main Acct.	Line Number	Active Date	Building 1	Room 1	Building 2	Room 2	Building 3	Room 3	Building 4	Room 4
2069	M748000	GL86823	880909	9710-3	241	9706-2	PSS				
2070	M748000	GL89456	880909	9710-3	241	9706-2	PSS				
2071	M748000	GS87042	880415	9710-3	237	9706-2	TC				
2072	M740002	LA80178	880420	9710-3	TEL	9706-2	PSS				
2073	M740002	LA81095	880420	9710-3	TEL	9706-2	PSS				
2074	M740002	LA81231	880420	9710-3	TEL	9706-2	PSS				
2075	M740002	LA84190	880301	9710-3	FID	9706-2	ATTC				
2076	M740002	LA87189	880420	9710-3	TEL	9706-2	PSS				
2077	M740002	GD99830	890511	9710-3	TELL	9710-2	TEL				
2078	M745000	LA09907	900914	9710-3	COMP	9710-2	COMP				
2079	M740002	AGD1409	930813	9710-3	COMP	9710-3	237	9949-3	GARD		
2080	M745000	LA28104	921001	9710-3	237	9949-69	PO27				
2081	M740002	LA02531	900411	9710-3	CLOS	9983-86	TRLR				
2082	M745000	LA16642	910724	9710-3	242	Y-12	PO25				
2083	M745000	LA33561	930629	9710-3	237	Y-12	PT16				
2084	M745000	LA39793	930902	9710-3	237	Y-12	PT2				
2085	M745000	LA87352	880802	9710-3	COMP	Y12-PTL	31				
2086	M747000	LA77607	900110	9711-1	030A	9706-2					
2087	M745000	GC11646	850109	9711-5	100	9710-2	135				
2088	M748000	GL96162	920707	9711-5	106	9710-2	135				
2089	M740002	GD19389	880419	9720-13	276	9208	8111				
2090	M747000	GTP0006	910507	9720-16	CARP	9208	8111				
2091	M748000	GL25927	920810	9720-16	SHOP	9702	MUX				
2092	M745000	GS22052	920810	9720-16	SHOP	9702	MUX				
2093	M748000	GL83850	880811	9720-2		9706-2	PSS				
2094	M745000	GS82340	880811	9720-2		9706-2	PSS				
2095	M740002	LA69608	860903	9720-2	OFFC	9720-8	COMP				
2096	M747000	LA75163	870312	9720-2		9720-8	152				
2097	M745000	GC13447	801216	9720-3		9103	207				
2098	M745000	GC13448	800902	9720-3		9103	208				
2099	M745000	GC13460	800902	9720-3		9202	227				
2100	M745000	GC13465	800902	9720-3		9206	215				
2101	M745000	GC13466	800902	9720-3		9206	215				
2102	M745000	GC13481	800902	9720-3		9208	79				
2103	M745000	GC13449	800902	9720-3		9212	6				
2104	M745000	GC13496	800902	9720-3		9212	9				
2105	M745000	GC13451	800902	9720-3		9215	12				
2106	M745000	GC13452	800902	9720-3		9215	19				
2107	M745000	GC13487	800902	9720-3		9709	38				

	A	B	C	D	E	F	G	H	I	J	K
1	Main Acct.	Line Number	Active Date	Building 1	Room 1	Building 2	Room 2	Building 3	Room 3	Building 4	Room 4
2108	M745000	GC13483	800902	9720-3		9712	220				
2109	M745000	GC13480	800902	9720-3		9728	50				
2110	M745000	GC13475	800902	9720-3		9736	134				
2111	M745000	GC13482	800902	9720-3		9737	47				
2112	M745000	GC13485	800902	9720-3		9738	36				
2113	M745000	GC13476	800902	9720-3		9739	225				
2114	M745000	GC13462	800902	9720-3		9766	226				
2115	M745000	GC13479	800902	9720-3		9983	84				
2116	M745000	GC13467	800902	9720-3		9995	13				
2117	M745000	GC13453	800902	9720-3		9996	16				
2118	M745000	GC13450	800902	9720-3		9998	17				
2119	M740002	GC13593	840202	9720-3		9998	DK20				
2120	M745000	GC13469	800902	9720-3		9120-5	178				
2121	M745000	GC13464	800902	9720-3		9201-1	209				
2122	M745000	GC13478	800902	9720-3	63	9201-2	Q010				
2123	M745000	GC13486	800902	9720-3		9201-3	59				
2124	M745000	GC13458	800902	9720-3		9201-5	169				
2125	M745000	GC13459	800902	9720-3		9201-5	168				
2126	M745000	GC13490	800902	9720-3		9201-5E	167				
2127	M745000	GC13494	800902	9720-3		9201-5N	216				
2128	M745000	GC13473	800902	9720-3		9204-1	119				
2129	M745000	GC13455	800902	9720-3		9204-2	147				
2130	M745000	GC13470	830111	9720-3		9204-2	149				
2131	M745000	GC13492	800902	9720-3		9204-2E	213				
2132	M745000	GC13493	800902	9720-3		9204-2E	213				
2133	M745000	GC13871	850602	9720-3	CTRL	9204-2E	212				
2134	M745000	GC13471	800902	9720-3		9204-3	124				
2135	M745000	GC13457	800902	9720-3		9204-4	214				
2136	M745000	GC13461	800902	9720-3		9401-2	217				
2137	M745000	GC13495	800902	9720-3		9401-3	218				
2138	M745000	GC13498	800902	9720-3		9404-11	25				
2139	M745000	GC13463	800902	9720-3		9720-11					
2140	M745000	GC13872	850602	9720-3	CTRL	9720-13	185				
2141	M745000	GC13456	800902	9720-3		9720-19	219				
2142	M745000	GC13497	800902	9720-3		9720-33	201				
2143	M745000	GC13491	800902	9720-3		9720-4	222				
2144	M745000	GC13484	800902	9720-3		9720-6	31				
2145	M745000	GC13454	800902	9720-3		972311A	223				
2146	M745000	GC13472	800902	9720-3		972311A	223				

	A	B	C	D	E	F	G	H	I	J	K
1	Main Acct.	Line Number	Active Date	Building 1	Room 1	Building 2	Room 2	Building 3	Room 3	Building 4	Room 4
2147	M745000	GC13468	800902	9720-3		9808NE	164				
2148	M745000	GC13488	800902	9720-3		CONSOL					
2149	M745000	GC13489	800902	9720-3		CONSOL					
2150	M745000	GC13838	830826	9720-38	WRHS	9720-3	163A				
2151	M740002	GD30253	930331	9720-41	OFC	9702	MUX				
2152	M745000	LA03296	901025	9720-5	PT52	9710-3	TELE				
2153	M740002	DH94830	910828	9720-6	MEZZ	9117	140				
2154	M747000	AGT0003	920110	9720-6	SOUT	9208	COMP	9737			
2155	M747000	AGT0004	920110	9720-6	SOUT	9208	8111				
2156	M747000	GT10354	871210	9720-6	128A	9737	COMP				
2157	M745000	LA78709	930920	9720-6	105	9769	MUX				
2158	M740002	AGD4797	820210	9720-6	MANT	9808	PUMP				
2159	M748000	GL13718	920205	9720-6	LOCK	9710-2	135				
2160	M740002	LA61848	860616	9720-7	ENDW	9720-8	COMP				
2161	M740002	LA81280	880901	9720-8	150	9103	129D				
2162	M740002	AGD3478	840802	9720-8	COMP	9106	127				
2163	M740002	GD13875	841211	9720-8	COMP	9106	127				
2164	M740002	LA17078	860224	9720-8	COMP	9208	OFFC				
2165	M740002	LA83790	880816	9720-8	150	9709					
2166	M740002	LA18552	860224	9720-8	COMP	9712	OFFC				
2167	M740002	AGD0460	840806	9720-8	COMP	9201-5	M				
2168	M740002	AGD5696	840806	9720-8	COMP	9720-2	OFFC				
2169	M740002	AGD7436	840802	9720-8	COMP	9720-2	OFFC				
2170	M740002	AGD1020	870608	9720-8		K-1007	1003				
2171	M740002	D500833	930809	9720-8	150	K-1007	1003				
2172	M740002	GD74835	881118	9720-8	167	K-1007	MACH				
2173	M740002	GD76209	930317	9720-8	159	K-1007	MUX				
2174	M745000	AGS1003	800902	9720-8		MILAN					
2175	M745000	AGS1004	800902	9720-8		MILAN					
2176	M745000	AGS1005	800902	9720-8		MILAN					
2177	M740002	LAP0050	850617	9723-14	MUX	9106	MUX				
2178	M740002	AGD2349	850927	9723-18	3	9707-2	ATTC				
2179	M747000	GT10348	901121	9723-21	N OF	9201-5	4				
2180	M740002	GDP3536	890626	9723-25	MANT	9208	111A				
2181	M748000	GL10141	930521	9723-28		9706-2					
2182	M748000	GL10142	920831	9723-28	HWAY	9706-2					
2183	M748000	GL10144	920831	9723-28	1	9706-2					
2184	M748000	GL10145	920831	9723-28		9706-2					
2185	M748000	GL10321	920831	9723-28		9706-2					

	A	B	C	D	E	F	G	H	I	J	K
1	Main Acct.	Line Number	Active Date	Building 1	Room 1	Building 2	Room 2	Building 3	Room 3	Building 4	Room 4
2186	M748000	GL37308	931206	9723-33	CHNG	9702	MUX				
2187	M745000	GS33310	931206	9723-33	CHNG	9702	MUX				
2188	M740002	GD30005	930122	9724-3	RADO	9706-2	PSS				
2189	M740002	GD39147	930122	9724-3	RADO	9706-2	PSS				
2190	M748000	AGL5009	800902	9728-1		ENTR					
2191	M740002	GD73810	871102	9733-1	202	4500-N	F004				
2192	M740002	AGD2903	850927	9733-1	124	9706-2	ATTC				
2193	M740002	GDP4920	921013	9733-2	236	9766	MUX				
2194	M740002	LA92209	890621	9767-12		9706-2	PSS				
2195	M745000	LA76313	870915	9767-13	CRM	9706-2	ATTC				
2196	M745000	LA77506	870904	9767-13	CRM	9706-2	ATTC				
2197	M745000	LA77592	870915	9767-13	CRM	9706-2	ATTC				
2198	M745000	LA71326	870408	9767-4		9706-2	BSMT				
2199	M740002	GD61774	860815	9767-6	WWAL	9706-2	NE				
2200	M740002	GD68609	860902	9767-6	WALL	9706-2	ATIC				
2201	M745000	LA73281	870109	9767-6	SW	9706-2	BSMT				
2202	M745000	LA73498	870109	9767-6		9706-2	BSMT				
2203	M740002	LA15676	860326	9770-7		9206	3				
2204	M745000	GL10616	930225	9811-8	TANK	9702	MUX				
2205	M748000	GS14560	930225	9811-8	TANK	9702	MUX				
2206	M740002	LA14962	860314	9949-4	POST	9207	LOBY				
2207	M748000	GL66272	860513	9949-52	POST	9706-2	PSSO				
2208	M745000	GS64805	860403	9949-5L	13	9710-2	COMP				
2209	M740002	LA96808	890817	9959-1	DOCK	9720-8	152				
2210	M740002	GD10784	910809	9983-29	TRLR	9983-83	TRLR				
2211	M740002	GD13558	910809	9983-29	TRLR	9983-83	TRLR				
2212	M745000	GS11743	850128	9983-48	20	9704-1	2				
2213	M745000	GT74409	871125	9983-49	TRLR	702SIA	WATR				
2214	M740002	LA79154	890313	9983-58	1	9720-8	150				
2215	M740002	LA68524	860512	9983-72	2	9983-62	21				
2216	M740002	LA31116	930921	9983-73	16	9702	TEL				
2217	M740002	GD22119	921013	9983-81	TRLR	9702	MUX				
2218	M740002	GD96186	901109	9983-83	1714	9114	1714				
2219	M740002	D500837	931118	9983-AH	TRLR	9117	140				
2220	M740002	DHD3103	931124	ADMIN	B-2	105MIT	ZERO				
2221	M740002	DHD3816	930823	ADMIN	B002	1916-T2	557A				
2222	M745000	GS18737	910515	ADMIN	BSMT	TULANE	ORPD				
2223	M748000	GL91142	890130	ASEMBLY	ST18	9706-2	0PSS				
2224	M748000	GL92526	890130	ASEMBLY	ST20	9706-2	0PSS				

	A	B	C	D	E	F	G	H	I	J	K
1	Main Acct.	Line Number	Active Date	Building 1	Room 1	Building 2	Room 2	Building 3	Room 3	Building 4	Room 4
2225	M748000	GL95436	890130	ASEMBLY	ST19	9706-2	0PSS				
2226	M748000	GL99257	890130	ASEMBLY	ST21	9706-2	0PSS				
2227	M745000	AGM5162	820723	ATDL		9706-2					
2228	M740002	HWD0053	900604	ATDL	24	FEDERAL	EQUP				
2229	M740002	HWD0054	900602	ATDL	24	FEDERAL	EQUP				
2230	M740002	AGD2956	830930	BADGER	224	CER	206				
2231	M740002	AGD2957	830930	BADGER	224	CER	LBBY				
2232	M740002	AGD2964	830930	BADGER	224	CER	220				
2233	M740002	AGD2965	830930	BADGER	224	CER	224				
2234	M740002	AGD1848	821206	BADGER	224	ORAU	113				
2235	M748000	GL10511	861210	BEARCRK	GRD	9706-2	PSS				
2236	M748000	GL10512	890822	BEARCRK	PT20	9706-2	PSS	9710-3		BEARCRK	P20A
2237	M748000	GL84660	880318	BETHEL	PSUB	4512	129				
2238	M740002	H500227	920807	BETHEL	115A	9117	133D				
2239	M740002	D500242	921005	BETHEL	115A	COMERCE	PARK				
2240	M740002	D500992	931014	BETHEL	115A	MEDICAL	L202				
2241	M740002	LA76228	870528	BLDG#4	4	9704-1	3				
2242	M740002	DHD3203	901130	CENTRAL	BASE	MEDICAL	COMP				
2243	M745000	AGM5168	820202	CHARLOT		9706-2					
2244	M740002	LA77660	870608	CHARLOT	B243	CHEYENN	D243				
2245	M745000	AGM5167	820202	CHEYENN		9706-2					
2246	M745000	GS12598	850409	CHEYENN	D243	9706-2	COMP				
2247	M745000	GS13764	850409	CHEYENN	D243	9706-2	COMP				
2248	M740002	AGD3334	850411	CHEYENN	D243	CHARLOT	B216				
2249	M740002	GD11577	850411	CHEYENN	D243	CHARLOT	B114				
2250	M740002	GD12834	850411	CHEYENN	D243	CHARLOT	A208				
2251	M740002	GD13848	850411	CHEYENN	D243	CHARLOT	B243				
2252	M740002	GD13900	850411	CHEYENN	D243	CHARLOT	B106				
2253	M740002	GD15358	850411	CHEYENN	D243	CHARLOT	A220				
2254	M740002	GD17203	850411	CHEYENN	D243	CHARLOT	B206				
2255	M740002	LA88683	880411	CHEYENN	D243	CHARLOT	B243				
2256	M740002	HWD0035	880111	CHEYENN	D243	K-1036	D243				
2257	M740002	DHD3818	920505	COMM PK	444	K-1007	1003				
2258	M740002	DHD3819	920501	COMM PK	444	K-1007	1003				
2259	M748000	GL10196	900302	DNTNCON	OFFC	1916-T2	1				
2260	M745000	AGM5163	800902	E-VANCE		9706-2					
2261	M740002	AGD2966	831006	E-VANCE	COMP	BADGER	224				
2262	M745000	GS27734	920219	ENERGY	11	TULANE	ORPD				
2263	M740002	GD16370	910924	FEDERAL	3046	9117	133D				

	A	B	C	D	E	F	G	H	I	J	K
1	Main Acct.	Line Number	Active Date	Building 1	Room 1	Building 2	Room 2	Building 3	Room 3	Building 4	Room 4
2264	M745000	GC11888	860225	FEDERAL	B03	1916-T1	41A				
2265	M745000	GC13381	860225	FEDERAL	B03	1916-T1	41A				
2266	M740002	GD67743	861202	FEDERAL	B003	1916-T1	53				
2267	M740002	GD69996	861202	FEDERAL	B003	1916-T1	53				
2268	M745000	GL29469	921112	FEDERAL	BOC	1916-T2	GUAD				
2269	M748000	GL28762	921019	FEDERAL	FL 1	2714-H	CLOS				
2270	M740002	D500537	930224	FEDERAL	FL3	2714-J	CLOS				
2271	M748000	GL31160	930208	FEDERAL	FL 1	55JEFF	BSMT				
2272	M748000	GL31462	931122	FEDERAL	B035	55JEFF	CLST				
2273	M745000	AGM5169	800902	FEDERAL		9706-2					
2274	M740002	DHD3180	930917	FEDERAL	B037	9706-2	81				
2275	M740002	GD18231	891121	FEDERAL	BOC	9706-2	PSS0				
2276	M748000	GLP0004	930409	FEDERAL	BOC	9706-2	PSS				
2277	M748000	GLP0002	930409	FEDERAL	BOC	9710-3	GHDQ				
2278	M740002	LA18857	911022	FEDERAL	B-11	JEFERSN	B119				
2279	M748000	GL15369	930409	FEDERAL	BOC	K-1650	PSS				
2280	M740002	DHM68-1	930917	FEDERAL	B037	MILAN	CO				
2281	M740002	DHM68-2	930917	FEDERAL	B037	MILAN	CO				
2282	M748000	GLP0003	930409	FEDERAL	BOC	MUSEUM	ELEV				
2283	M746500	GT70018	870203	FEDERAL	B-03	RADIO	REPE				
2284	M745000	AGS1002	900102	FEDERAL	B011	STAIRWL					
2285	M746500	GR10040	870305	FEDERAL	B03	TOWER					
2286	M745000	GC13210	931202	FEDERAL	B011	WIL AVE					
2287	M745000	GS76449	871112	HWY-58	WHSE	FEDERAL	B03				
2288	M740002	LA88137	891118	K-1001	MUX	K-1007	1040				
2289	M740002	LA85991	921207	K-1001	A220	K-1036	COMP				
2290	M740002	LA87528	921207	K-1001	A220	K-1036	COMP				
2291	M740002	GD65655	860807	K-1002	LIBR	4500-N	F004				
2292	M740002	HWD0012	860425	K-1007	1003	7001	CPU				
2293	M740002	HWD0040	891111	K-1007	1003	9103	129D				
2294	M740002	DHD3400	930921	K-1007	COMP	9117	133D				
2295	M740002	GD13692	910320	K-1007	COMP	9117	129				
2296	M740002	DHD3154	930326	K-1007	1003	4500-N	294				
2297	M740002	DHD3507	911004	K-1007	1003	4500-N	270				
2298	M740002	HWD0004	860110	K-1007	1003	4500-N	270				
2299	M740002	HWD0005	880919	K-1007	1003	4500-N	270				
2300	M740002	HWD0041	880506	K-1007	1003	4500-N	270				
2301	M740002	HWD0017	861211	K-1007	1003	4500-S	T002				
2302	M740002	HWD0063	891111	K-1007	1003	4500-S	T002				

	A	B	C	D	E	F	G	H	I	J	K
1	Main Acct.	Line Number	Active Date	Building 1	Room 1	Building 2	Room 2	Building 3	Room 3	Building 4	Room 4
2303	M740002	D500217	920911	K-1007	1003	800TPK	2FLR				
2304	M740002	GDP1022	900402	K-1007	1003	9711-5	109				
2305	M740002	AGD2031	830218	K-1007	1003	9720-8	CONF				
2306	M740002	HWD0014	860425	K-1007	1003	9720-8	152				
2307	M740002	HWD0043	931007	K-1007	1003	JEFERSN	C103				
2308	M740002	LA83084	891111	K-1007	MUX	K-1001	MUX				
2309	M740002	LAP0020	840905	K-1007	1032	K-1002	101				
2310	M740002	HWD0024	900209	K-1007	COMP	K-1023	COMP				
2311	M740002	LA82188	891118	K-1007	1003	K-1023	COMP				
2312	M740002	LA86211	891111	K-1007	1003	K-1023	COMP				
2313	M740002	LA89542	891118	K-1007	1003	K-1023	COMP				
2314	M740002	AGD1057	870925	K-1007	1003	K-1036	8				
2315	M740002	LA84458	891111	K-1007	MUX	K-1039	MUX				
2316	M740002	LA85206	891111	K-1007	MUX	K-1039	MUX				
2317	M740002	LA89376	891118	K-1007	MUX	K-1039	MUX				
2318	M740002	LA89455	891118	K-1007	MUX	K-1039	MUX				
2319	M740002	LA12853	911015	K-1007	HALL	K-1200	MUX				
2320	M740002	LA61189	911115	K-1007	1133	K-1200	215				
2321	M740002	LA62058	911115	K-1007	1133	K-1200	215				
2322	M740002	LA63071	911115	K-1007	1133	K-1200	215				
2323	M740002	LA68850	911115	K-1007	1133	K-1200	215				
2324	M740002	AGD4179	821022	K-1007	1003	K-1320	CLST				
2325	M740002	LA84410	891118	K-1007	MUX	K-1580	261				
2326	M740002	LA89355	891111	K-1007	MUX	K-1580	261				
2327	M740002	LA00815	910405	K-1007	MUX	K1310-M	7				
2328	M740002	LA06465	910405	K-1007	MUX	K1310-M	7				
2329	M740002	LA12067	910906	K-1007	1003	K1423-D	MUX				
2330	M740002	LA03494	900205	K-1015	OFFC	K-1035	112				
2331	M740002	LA82579	921118	K-1015		K-1035	112				
2332	M740002	DHD0071	910807	K-1023	101	DNTNCON	BSMT				
2333	M740002	DHD3632	911101	K-1023	COMP	JEFERSN					
2334	M740002	LA80411	881128	K-1030	COM	K-303-8	MUX				
2335	M740002	LA87315	881128	K-1030	COM	K-303-8	MUX				
2336	M740002	AGD2943	850517	K-1035	112	K-1002	STRG				
2337	M740002	LA81565	900418	K-1035	COMP	K-1007	1040				
2338	M740002	LA83829	900418	K-1035	COMP	K-1007	1040				
2339	M740002	AGD1347	851203	K-1035	112	K-1008	CANT				
2340	M740002	LA90708	891212	K-1035	112	K-1010	MUX				
2341	M740002	LA98255	891212	K-1035	112	K-1010	MUX				

	A	B	C	D	E	F	G	H	I	J	K
1	Main Acct.	Line Number	Active Date	Building 1	Room 1	Building 2	Room 2	Building 3	Room 3	Building 4	Room 4
2342	M740002	AGD1376	840301	K-1035	112	K-1095	FLR1				
2343	M740002	AGD0282	840522	K-1035	112	K-1401	MTLS				
2344	M740002	AGD0283	840105	K-1035	112	K-1401	J&F	SP			
2345	M740002	AGD0284	840105	K-1035	112	K-1401					
2346	M740002	AGD0285	840105	K-1035	112	K-1401	FLR2				
2347	M740002	AGD0286	840105	K-1035	112	K-1401	9				
2348	M740002	AGD0287	851011	K-1035	112	K-1401	5				
2349	M740002	AGD0290	840105	K-1035	112	K-1401	J&F				
2350	M740002	AGD0291	840522	K-1035	112	K-1401	MTLS				
2351	M740002	AGD0292	840105	K-1035	112	K-1401	FLR2				
2352	M740002	AGD0293	840105	K-1035	112	K-1401	MACH				
2353	M740002	AGD0295	840105	K-1035	112	K-1401	S-MT				
2354	M740002	AGD0809	851011	K-1035	112	K-1401	5				
2355	M740002	AGD1308	820502	K-1035	112	K-1401					
2356	M740002	AGD1311	820502	K-1035	112	K-1401					
2357	M740002	AGD1312	820502	K-1035	112	K-1401					
2358	M740002	AGD1313	820502	K-1035	112	K-1401					
2359	M740002	AGD1334	851011	K-1035	112	K-1401	10				
2360	M740002	AGD1337	851011	K-1035	112	K-1401	10				
2361	M740002	AGD1340	820502	K-1035	112	K-1401	CLD				
2362	M740002	AGD1341	820502	K-1035	112	K-1401					
2363	M740002	AGD1342	880204	K-1035	112	K-1401	D006				
2364	M740002	AGD1343	820806	K-1035	112	K-1401	J&F				
2365	M740002	AGD1344	840210	K-1035	112	K-1401	H-16				
2366	M740002	AGD1345	820502	K-1035	112	K-1401	CLG				
2367	M740002	AGD1346	820502	K-1035	112	K-1401					
2368	M740002	AGD4970	831129	K-1035	112	K-1401	TOOL				
2369	M740002	AGD4971	831129	K-1035	112	K-1401	TOOL				
2370	M740002	GD10571	860410	K-1035	112	K-1401	OFFC				
2371	M740002	GD11873	860407	K-1035	112	K-1401	OFFC				
2372	M740002	GD12421	860410	K-1035	112	K-1401	OFFC				
2373	M740002	LA18355	860221	K-1035	112	K-1401	WELD				
2374	M740002	LA28400	920713	K-1035	112	K-1401	P&E				
2375	M740002	AGD1359	820502	K-1035	112	K-1413	MECH				
2376	M740002	AGD3051	831026	K-1035	112	K-1414	GARA				
2377	M740002	AGD3052	831026	K-1035	112	K-1414	GARA				
2378	M740002	AGD3053	831026	K-1035	112	K-1414	GARA				
2379	M740002	AGD1358	820729	K-1035	112	K-1420	SUPV				
2380	M740002	AGD1332	851118	K-1035	112	K-791	SUPT				

	A	B	C	D	E	F	G	H	I	J	K
1	Main Acct.	Line Number	Active Date	Building 1	Room 1	Building 2	Room 2	Building 3	Room 3	Building 4	Room 4
2381	M740002	AGD1369	820728	K-1035	112	K-7915	SUPV				
2382	M740002	AGD1355	850729	K-1035	112	K1004-A	MNTN				
2383	M740002	AGD1356	820610	K-1035	112	K1004-L	MAIN				
2384	M740002	AGD1318	820502	K-1035	112	K1008-D	PE				
2385	M740002	AGD1348	820502	K-1035	112	K1008-D	011A				
2386	M740002	AGD1320	820608	K-1035	112	K1098-D					
2387	M740002	AGD1321	820608	K-1035	112	K1098-D					
2388	M740002	AGD1349	820608	K-1035	112	K1098-D					
2389	M740002	LA20665	920121	K-1036	007X	K-1003	4				
2390	M740002	HWD0059	911003	K-1036	007X	K-1007	1003				
2391	M740002	LA14547	930214	K-1036	7	K-1007	1003				
2392	M740002	LA75022	930521	K-1036	24	K-1007	1003				
2393	M740002	LAP0060	851014	K-1036	COMP	K-1414	PART				
2394	M740002	LA81117	910524	K-1037	MUX	K-1007	MUX				
2395	M740002	LA87284	910524	K-1037	MUX	K-1007	MUX				
2396	M740002	LA91653	891213	K-1037	331	K-1035	112				
2397	M748000	GL10500	850319	K-1037		K-1652	CTRL				
2398	M746500	GL98259	890116	K-1039		3017	TC				
2399	M746500	GL90050	890116	K-1039		9706-2	RADO				
2400	M740002	LA74792	870831	K-1039	MUX	K-1037	MUX				
2401	M745000	GS12166	860125	K-1039		K-1200					
2402	M746500	GL93042	890118	K-1039		K-814					
2403	M740002	LA25809	920506	K-1095	2FLR	K-1035	112				
2404	M746500	RT06658	921112	K-1200	7	7740					
2405	M740002	GD00852	921112	K-1200	7	9706-2	PSS				
2406	M740002	LA63911	911028	K-1200	204	K-1007	1133				
2407	M740002	LA68771	911115	K-1200	201	K-1007	1133				
2408	M745000	GC13502	860125	K-1200	218	K-1650	PSS				
2409	M745000	GC14585	860122	K-1200	205	K-1650	PSS				
2410	M745000	GC14589	860122	K-1200	205	K-1650	PSS				
2411	M745000	GC19704	860122	K-1200	205	K-1650	PSS				
2412	M748000	GL82946	880331	K-1200	2FLR	K-1650	PSS				
2413	M745000	GS18257	860125	K-1200	205	K-1650	PSS				
2414	M745000	GC10145	860125	K-1200	218	MILAN	119				
2415	M745000	GC13084	860125	K-1200	218	MILAN	WAY				
2416	M745000	GS13709	860125	K-1200		MILAN	WAY				
2417	M740002	GD24803	920626	K-1208	TOWR	K-1650	CTRL				
2418	M740002	GD20248	920727	K-1209	TWR	K-1650	EOC				
2419	M740002	LA23283	921203	K-1209	TOWR	K-1650	EOC				

	A	B	C	D	E	F	G	H	I	J	K
1	Main Acct.	Line Number	Active Date	Building 1	Room 1	Building 2	Room 2	Building 3	Room 3	Building 4	Room 4
2420	M740002	LA80498	880817	K-1210	12	K-1039	MUX				
2421	M740002	LA25290	920515	K-1220	HBA	K-1035	112				
2422	M740002	LA84408	910813	K-1220	183	K-1035	112				
2423	M740002	AGD2396	910629	K-1225	212	K-1007	1003				
2424	M740002	DHD3156	901226	K-1330	123	K-1007	1003				
2425	M740002	LA85036	920904	K-1400	MUX	K-1039	MUX				
2426	M740002	LA03429	900517	K-1401	215	K-1035	MUX				
2427	M740002	LA04459	900326	K-1401	8	K-1035	112				
2428	M740002	LA07397	900126	K-1401	P&EQ	K-1035	112				
2429	M740002	LA08907	900517	K-1401	212	K-1035	MUX				
2430	M740002	LA10027	911223	K-1401	ESTM	K-1035	112				
2431	M740002	LA13054	911223	K-1401	ESTI	K-1035	112				
2432	M740002	LA20111	920226	K-1401	WELD	K-1035	112				
2433	M740002	LA20469	920207	K-1401	WELD	K-1035	112				
2434	M740002	LA21831	920226	K-1401	OFC	K-1035	112				
2435	M740002	LA23622	920207	K-1401	WELD	K-1035	112				
2436	M740002	LA26582	920512	K-1401	OFFC	K-1035	112				
2437	M740002	LA27237	920207	K-1401	WELD	K-1035	112				
2438	M740002	LA27854	920513	K-1401	OFFC	K-1035	112				
2439	M740002	LA28775	920713	K-1401	TOOL	K-1035	112				
2440	M740002	LA64531	861201	K-1401	7	K-1035	112				
2441	M740002	LA74779	871204	K-1401	E020	K-1035	112				
2442	M740002	LA79326	871117	K-1401	PSER	K-1035	112				
2443	M740002	LA82856	880304	K-1401	FORE	K-1035	112				
2444	M740002	LA83839	880202	K-1401	CNTN	K-1035	112				
2445	M740002	LA85497	930806	K-1401	WELD	K-1035	112				
2446	M740002	LA91858	890502	K-1401	P&E	K-1035	112				
2447	M740002	LA97098	890405	K-1401	P&E	K-1035	112				
2448	M740002	LA98334	890405	K-1401	P&E	K-1035	112				
2449	M740002	LA18774	910207	K-1414	OFFC	K-1035	112				
2450	M740002	LA17099	910124	K-1423	008A	K-1007	MUX				
2451	M740002	LA83097	920102	K-1430	LNCH	K-1035	112				
2452	M740002	GD92011	890525	K-1515		K-1101	CTRL				
2453	M740002	GD95266	890525	K-1515		K-1101	CTRL				
2454	M740002	GD99124	890510	K-1515	COMP	K-303-8	COMP				
2455	M740002	DHD0069	890915	K-1580	123	9117	140				
2456	M740002	DHD0070	890915	K-1580	123	9117	140				
2457	M740002	GD17585	850530	K-1650	CTRL	2016	COMP				
2458	M740002	GD27546	920310	K-1650	CTRL	1501-1	Y-12				

	A	B	C	D	E	F	G	H	I	J	K
1	Main Acct.	Line Number	Active Date	Building 1	Room 1	Building 2	Room 2	Building 3	Room 3	Building 4	Room 4
2459	M740002	D500294	931012	K-1650	B-07	FEDERAL	BSMT				
2460	M746500	GR10053	821209	K-1650	CONT	FEDERAL	B03				
2461	M746500	GR10054	821209	K-1650	CONT	FEDERAL	B03				
2462	M748000	GL88613	880307	K-1650	PSS	K-1200	OPER				
2463	M745000	GS84582	880307	K-1650	PSS	K-1200	OPER				
2464	M746500	GR10055	821209	K-1650	CONT	K-303-7			CONT		
2465	M746500	GR10056	830102	K-1650	CONT	K-303-7					
2466	M746500	GR10057	821209	K-1650	CONT	K-303-7	CONT				
2467	M746500	GR10064	831020	K-1652	CONS	FEDERAL	B03				
2468	M748000	GL10472	850319	K-1652	CTRL	K-1007	DR6				
2469	M740002	LA14572	920923	K-1652	227	K-1036	007X				
2470	M748000	GL14950	860210	K-1652	CNTR	K-1420	DOOR				
2471	M746500	GR10059	830615	K-1652	125	K-1650	CONT				
2472	M746500	GR10060	830615	K-1652	125	K-1650	CONT				
2473	M746500	GR10061	830615	K-1652	125	K-1650	CONT				
2474	M746500	GR10062	830615	K-1652	125	K-1650	CONT				
2475	M746500	GR10065	830615	K-1652	125	K-303-7	CONT				
2476	M746500	GR10066	830606	K-1652	125	K-303-7	CONT				
2477	M746500	GR10046	830615	K-1652	125	K-814					
2478	M746500	GR10047	830615	K-1652	125	K-814					
2479	M740002	AGD4116	830603	K-1652	125	K1028-4	PTL4				
2480	M740002	AGD4119	830603	K-1652	125	K1028-4	PTL4				
2481	M740002	AGD4115	830603	K-1652	125	K1028-5	PTL6				
2482	M740002	AGD4142	830603	K-1652	125	K1028-5	PTL2				
2483	M740002	AGD4784	830603	K-1652	125	K1028-5	PTL2				
2484	M740002	AGD1517	830603	K-1652	125	K1028-6	PTL3				
2485	M740002	AGD4143	830603	K-1652	125	K1028-6	PTL3	K1028	PTL3		
2486	M740002	AGD4786	851118	K-1652	125	K102857	PORT				
2487	M740002	AGD4121	830606	K-1652	K102	PORTAL	4				
2488	M740002	PLP7801	841102	K-1652	145	PORTAL	1				
2489	M740002	PLP7802	841102	K-1652	145	PORTAL	2				
2490	M740002	PLP7803	841102	K-1652	142	PORTAL	3				
2491	M740002	PLP7804	841102	K-1652	142	PORTAL	4				
2492	M740002	PLP7805	841102	K-1652	145	PORTAL	6				
2493	M740002	LA87959	881215	K-25	PT03	K-1652	OCCR				
2494	M745000	GC13101	810102	K-25 CU		POLICE					
2495	M740002	LA63081	891207	K-303-8	31	K-1007	1003				
2496	M740002	LA28087	920429	K-304-1	6	K-1035	112				
2497	M740002	LA28150	921208	K-304-1	6	K-1035	112				

	A	B	C	D	E	F	G	H	I	J	K
1	Main Acct.	Line Number	Active Date	Building 1	Room 1	Building 2	Room 2	Building 3	Room 3	Building 4	Room 4
2498	M740002	LA89120	880615	K-304-1	OFFC	K-1035	112				
2499	M740002	LA97946	890816	K-304-1	SUPV	K-1035	112				
2500	M740002	LA99957	931013	K-304-1	SUPV	K-1035	112				
2501	M740002	LA14371	910308	K-33	LNCH	K-1035	112				
2502	M740002	LA15859	910308	K-33	LNCH	K-1035	112				
2503	M740002	LA19371	910308	K-33	LNCH	K-1035	112				
2504	M740002	GD15146	910826	K-601	117	K-1501	OFFC				
2505	M740002	GD18375	910828	K-601	117	K-1515	OFFC				
2506	M740002	LA03571	900327	K-722	OFFC	K-1036	007X				
2507	M740002	LA20885	921008	K-731	SHOP	K-1035	112				
2508	M740002	LA28022	921008	K-731	BRKR	K-1035	112				
2509	M740002	GD21711	921208	K-751	CONT	K-1650	CCF				
2510	M740002	LA01058	900126	K-761	OFFC	K-1035	112				
2511	M740002	LA02444	900126	K-761	OFFC	K-1035	112				
2512	M740002	LA09713	900126	K-761	OFFC	K-1035	112				
2513	M740002	GD94321	920310	K-761	3-Feb	X-10	751	1501-1	Y-12		
2514	M748000	GD13765	851029	K-814	1	962	1				
2515	M746500	GR10039	820831	K-814		FEDERAL	B03				
2516	M746500	GR10042	821209	K-814		K-1640	CONT				
2517	M746500	GR10041	821209	K-814		K-1650	CONT				
2518	M746500	GR10043	821209	K-814		K-1650	CONT				
2519	M746500	GR10044	821209	K-814		K-1650					
2520	M740002	AGD4141	840517	K1003-A	3	K-1003	42	3500	B23		
2521	M740002	LA95412	890206	K1004-A	BSMT	K-1035	112				
2522	M740002	LA17307	910108	K1008-D		K-1035	112				
2523	M740002	LA00146	900228	K1310-D	7	K-1007	COMP				
2524	M740002	LA01987	901113	K1310-R	MCR	K-1035	MUX				
2525	M740002	GD33690	930713	K1310AR	OPEN	9114	1714				
2526	M740002	LA63642	920212	K1435-E	TRLR	K-1035	112				
2527	M740002	LA66973	920212	K1435-E	TRLR	K-1035	112				
2528	M740002	LA00601	900515	K1435-I	4	K-1035	MUX				
2529	M740002	LA65532	860512	K1550-J	MUX	K-1007	1003				
2530	M748000	GL01023	900427	K1654-D	3	K1654-K	TERM				
2531	M748000	GL02745	900424	K1654-D	1	K1654-K	TERM				
2532	M748000	GL03216	900427	K1654-D	1	K1654-K	TERM				
2533	M748000	GL06043	900424	K1654-D	2	K1654-K	TERM				
2534	M748000	GL06058	900427	K1654-D	3	K1654-K	TERM				
2535	M748000	GL06275	900427	K1654-D	1	K1654-K	TERM				
2536	M748000	GL06314	900427	K1654-D	3	K1654-K	TERM				

	A	B	C	D	E	F	G	H	I	J	K
1	Main Acct.	Line Number	Active Date	Building 1	Room 1	Building 2	Room 2	Building 3	Room 3	Building 4	Room 4
2537	M748000	GL07182	900424	K1654-D	2	K1654-K	TERM				
2538	M748000	GL07693	900427	K1654-D	3	K1654-K	TERM				
2539	M748000	GL08591	900427	K1654-D	1	K1654-K	TERM				
2540	M748000	GL09619	900424	K1654-D	2	K1654-K	TERM				
2541	M748000	GL09781	900427	K1654-D	2	K1654-K	TERM				
2542	M740002	GD20658	921113	K312-1	VALT	K-1652	CMMD				
2543	M740002	AGD3094	910703	LAB RD	RMKS	1916-T1	342				
2544	M745000	GC17646	860201	LAM-3W		4512	COMP				
2545	M740002	AGD4793	900724	MARMSET	LOBY	E.VANCE					
2546	M740002	DHD3376	910412	MEDICAL	COMP	1916-T2	COMM				
2547	M745000	LA74071	870611	MEDICAL	D223	FEDERAL	B011				
2548	M748000	GL10031	860202	MILAN	TELE	K-1200	OPER				
2549	M748000	GL10159	860202	MILAN	TELE	K-1200	OPER				
2550	M748000	GL12813	860202	MILAN	TELE	K-1200	OPER				
2551	M748000	GL12947	860202	MILAN	TELE	K-1200	OPER				
2552	M748000	GL15710	860202	MILAN	TELE	K-1200	OPER				
2553	M748000	GL17218	860202	MILAN	TELE	K-1200	OPER				
2554	M748000	GL17647	860202	MILAN	TELE	K-1200	OPER				
2555	M748000	GL18870	860202	MILAN	TELE	K-1200	OPER				
2556	M740002	AGD1802	860919	MUSEUM	COMP	SCITECH	COMP				
2557	M740002	AGD2848	831125	NEW STR	STA3	OLD STR	STA3				
2558	M740002	AGD2849	831125	NEW STR	STA3	OLD STR	STA3				
2559	M740002	AGD2850	831125	NEW STR	STA3	OLD STR	STA3				
2560	M740002	AGD2851	831125	NEW STR	STA3	OLD STR	STA3				
2561	M740002	AGD2852	831125	NEW STR	STA3	OLD STR	STA3				
2562	M740002	AGD2853	831125	NEW STR	STA3	OLD STR	STA3				
2563	M740002	AGD2842	831125	OLD STR	STA4	NEW STR	STA				
2564	M740002	AGD2843	831125	OLD STR	STA4	NEW STR	STA4				
2565	M740002	AGD2844	831125	OLD STR	STA4	NEW STR	STA4				
2566	M740002	AGD2845	831125	OLD STR	STA4	NEW STR	STA4				
2567	M740002	AGD2846	831125	OLD STR	STA4	NEW STR	STA4				
2568	M740002	AGD2847	831125	OLD STR	STA4	NEW STR	STA4				
2569	M740002	HWD0051	920110	ORCORP	211B	2714-J	CLOS				
2570	M740002	GD82248	880321	OS3	SKRM	9720-8	150				
2571	M746500	GL13814	910204	OS3	109	Y-12					
2572	M745000	GS13301	910311	PISTOL	RNGE	4500-N	ATV				
2573	M745000	GS97170	890814	RINERDG	TOWR	9706-2	PSS				
2574	M740002	AGD2500	860226	STEAM		4512	COMP				
2575	M740002	AGD2501	860226	STEAM		4512	COMP				

	A	B	C	D	E	F	G	H	I	J	K
1	Main Acct.	Line Number	Active Date	Building 1	Room 1	Building 2	Room 2	Building 3	Room 3	Building 4	Room 4
2576	M740002	AGD2502	860121	STEAM		4512	COMP				
2577	M740002	DHD3724	911216	TENNINN	MCR	9998	G5MZ				
2578	M740002	LA17559	910924	TOWER	C	4500-N	294				
2579	M740002	LA78097	870602	WATERPL	8	9704-1	3				
2580	M740002	LA79331	870604	WATERPL	009A	9704-1	3				
2581	M740002	AGD1637	820929	WATERPL		E PUMP	STA				
2582	M740002	GD14916	930506	WEATHER	BEAR	9704-1	3	WEATHER	TOWR	WEATHER	TOWR
2583	M745000	GS95708	890123	X-10	TRLR	2500	ALAR				
2584	M745000	LA94816	890608	X-10	PT6B	2500	HDQR				
2585	M745000	GS27231	920502	X-10	TRLR	3105	RMKS				
2586	M740002	AGD1102	890706	Y-12	TNKF	9208	111A				
2587	M745000	GL15459	910321	Y-12	SALV	9702	MUX				
2588	M748000	GS13073	910321	Y-12	SALV	9702	MUX				
2589	M748000	GL05714	900228	Y-12	PT53	9706-2	PSS				
2590	M748000	GL10301	890119	Y-12	PT01	9706-2	PSSO				
2591	M748000	GL14372	880217	Y-12	OFFC	9706-2	PSS				
2592	M748000	GL89507	881013	Y-12	016A	9706-2	PSS				
2593	M748000	GL94076	900108	Y-12	PT53	9706-2	PSS				
2594	M748000	GL95680	891113	Y-12	PT57	9706-2	PSS				
2595	M748000	GL95822	890907	Y-12	PT58	9706-2	PSS				
2596	M745000	GS13093	910214	Y-12	PT14	9706-2	14				
2597	M745000	GS14790	880902	Y-12	PTL8	9706-2	PSS				
2598	M745000	GS84299	881116	Y-12	P10B	9706-2	CLST				
2599	M745000	GS85782	881116	Y-12	P10B	9706-2	CLST				
2600	M745000	GS85935	881019	Y-12	016B	9706-2	PSS				
2601	M745000	GS87063	881019	Y-12	016B	9706-2	PSS				
2602	M745000	GS93659	890106	Y-12	PT1B	9706-2	CLST				
2603	M745000	GS95884	890106	Y-12	PT1B	9706-2	CLST				
2604	M740002	GDP0869	930728	Y-12	PTL2	9710-2	COMP	9710-3	237		
2605	M740002	AGD0518	881109	Y-12	PTL2	9710-3	COMP	9710-3	237		
2606	M740002	AGD0520	881114	Y-12	PTL5	9710-3	COMP	9710-3	237		
2607	M740002	AGD0521	890816	Y-12	PTL7	9710-3	COMP	9710-3	237		
2608	M740002	AGD0523	881109	Y-12	PT10	9710-3	COMP	9710-3	237		
2609	M740002	AGD0524	900212	Y-12	PT14	9710-3	COMP	9710-3	237		
2610	M740002	AGD0537	881109	Y-12	PTL8	9710-3	COMP	9710-2	COMP		
2611	M740002	AGD0538	881114	Y-12	PTL5	9710-3	COMP	9710-3	237		
2612	M740002	AGD0539	881109	Y-12	PTL5	9710-3	COMP	9710-3	237		
2613	M740002	AGD0540	881114	Y-12	PTL7	9710-3	COMP	9710-3	237		
2614	M740002	AGD0541	881114	Y-12	PTL7	9710-3	COMP	9710-3	237		

	A	B	C	D	E	F	G	H	I	J	K
1	Main Acct.	Line Number	Active Date	Building 1	Room 1	Building 2	Room 2	Building 3	Room 3	Building 4	Room 4
2615	M740002	AGD0542	881114	Y-12	PTL7	9710-3	COMP	9710-3	237		
2616	M740002	AGD0543	881114	Y-12	PTL7	9710-3	COMP	9710-3	237		
2617	M740002	AGD0544	881114	Y-12	PTL7	9710-3	COMP	9710-3	237		
2618	M740002	AGD0637	881115	Y-12	PT31	9710-3	COMP	9710-3	237		
2619	M740002	AGD0641	881115	Y-12	PTL1	9710-3	COMP	9710-3	237		
2620	M740002	AGD0861	881115	Y-12	PT6E	9710-3	COMP	9710-3	237		
2621	M740002	AGD0862	881115	Y-12	PTL9	9710-3	COMP	9710-3	237		
2622	M740002	AGD0863	881115	Y-12	PTL9	9710-3	COMP	9710-3	237		
2623	M740002	AGD0918	881109	Y-12	017A	9710-3	COMP				
2624	M740002	GD11060	881115	Y-12	PTL8	9710-3	COMP	9720-2	COMP		
2625	M745000	GD73226	881116	Y-12	PT20	9710-3	COMP	9710-3	237		
2626	M745000	GD73962	881109	Y-12	PT22	9710-3	COMP	9710-3	237		
2627	M740002	GD75994	881115	Y-12	PT17	9710-3	COMP	9710-3	237		
2628	M740002	GD76690	881115	Y-12	PT23	9710-3	COMP	9710-3	237		
2629	M745000	GD76882	881109	Y-12	MIDD	9710-3	COMP	9710-3	237		
2630	M745000	GD79041	881109	Y-12	PT21	9710-3	COMP	9710-3	237		
2631	M740002	GDP5703	900212	Y-12	PT14	9710-3	COMP	9710-3	237		
2632	M745000	GS82706	890209	Y-12	016A	9710-3	237	9706-2	00TC		
2633	M745000	GS97027	890106	Y-12	PT1B	9710-3	237				
2634	M745000	LA24658	920921	Y-12	PT15	9710-3	242				
2635	M745000	LA82155	890814	Y-12	PT58	9710-3	COMP				
2636	M745000	LA84789	881019	Y-12	016C	9710-3	237				
2637	M745000	LA85457	881019	Y-12	016A	9710-3	237				
2638	M745000	LA85885	891117	Y-12	PT50	9710-3	COMP				
2639	M745000	LA86435	891117	Y-12	PT50	9710-3	COMP				
2640	M745000	LA87050	890814	Y-12	PT57	9710-3	COMP				
2641	M745000	LA87354	890814	Y-12	PT57	9710-3	COMP				
2642	M745000	LA88450	880909	Y-12	PTL8	9710-3	237				
2643	M745000	LA88523	890814	Y-12	PT57	9710-3	COMP				
2644	M745000	LA89103	930813	Y-12	PORT	9710-3	COMP				
2645	M745000	LA90242	891115	Y-12	PT53	9710-3	COMP				
2646	M745000	LA91690	891120	Y-12	PT10	9710-3	COMP				
2647	M745000	LA93173	931130	Y-12	PT32	9710-3	COMP				
2648	M745000	LA93924	890322	Y-12	PT10	9710-3	COMP				
2649	M745000	LA98016	891115	Y-12	PT53	9710-3	COMP				
2650	M745000	LA99129	890817	Y-12	PT02	9710-3	COMP				
2651	M748000	GL10305	880824	Y-12	PTL8	PORTAL	8				
2652	M748000	GL10309	900730	Y-12	PT12	PORTAL	12				
2653	M748000	GL74234	880404	Y-12		PORTAL	17C	PORTAL	17A		

	A	B	C	D	E	F	G	H	I	J	K
1	Main Acct.	Line Number	Active Date	Building 1	Room 1	Building 2	Room 2	Building 3	Room 3	Building 4	Room 4
2654	M745000	GS14992	860314	Y-12	TRLR	TANK	FARM				
2655	M745000	GS15471	890313	Y-12	PT14	TWR-40	14				
2656	M740002	GD94179	890411	Y-12	K751	X-10	K741				
2657	M740002	GD20945	921008		17	9706-2	ATTC				
2658	M740002	GD27203	921008		17	9706-2	ATTC				

	A	B	C	D	E	F	G	H	I	J	K
1	Main Acct.	Line Number	Active Date	Building 1	Room 1	Building 2	Room 2	Building 3	Room 3	Building 4	Room 4
2	M740001	LA36905	930510	964	TRLR	4500-N	294				
3	M740001	AGD3019	861209	1000	STAR	1053	TRLR	1053A	TRLR	TRLR	1053
4	M740001	LA80781	890111	1000	225A	1505	121				
5	M740001	LA89941	890111	1000	227A	1505	121				
6	M740001	LA32070	930423	1000	1FLR	2500	COMM				
7	M740001	LA01786	910412	1000	214A	4500-N	270				
8	M740001	LA06093	910401	1000	2FLR	4500-N	270				
9	M740001	LA75479	870423	1000	1078	4500-N	F004				
10	M740001	LA77510	870612	1000	214A	4500-N	270				
11	M740001	LA35693	930920	1000	210C	4500-S	T-02				
12	M740001	LA74063	871222	1000	126C	4500-S	T002				
13	M740001	LA93140	890724	1000	STRW	4500-S	T002				
14	M740001	LA98430	890724	1000	STRW	4500-S	T002				
15	M740001	AGD3020	880407	1053	TRLR	1000	STAR	1053	TRLR		
16	M740001	AGD0424	870303	1054	TRLR	1000	MUX				
17	M740001	LA87447	910411	1054	TRLR	1000	MUX				
18	M740001	LAP0702	860814	1503	7	1505	121				
19	M740001	AGD0445	840208	1503	G	4500-S	T002				
20	M740001	AGD3290	870309	1504	11	1505	358				
21	M740001	AGD3306	860721	1504	7	1505	358				
22	M740001	AGD3307	860730	1504	002A	1505	358				
23	M740001	AGD3309	860721	1504	12	1505	358				
24	M740001	AGD9012	841010	1504	7	1505	121				
25	M740001	GD16472	870213	1504	12	1505	121				
26	M740001	GDP1233	920420	1504	4	1505	121				
27	M740001	GDP3873	920420	1504	4	1505	121				
28	M740001	LA20637	920817	1504	001B	1505	MUX				
29	M740001	LA21765	920827	1504	2-B	1505	MUX				
30	M740001	LA22242	920817	1504	001D	1505	MUX				
31	M740001	LA23896	920827	1504	001A	1505	MUX				
32	M740001	LA25222	920421	1504	8	1505	121				
33	M740001	LA25717	920421	1504	8	1505	121				
34	M740001	LA25998	920421	1504	8	1505	121				
35	M740001	LA26061	920817	1504	001C	1505	MUX				
36	M740001	LA83041	880429	1504	2	1505	121				
37	M740001	LA84590	880819	1504	8	1505	121				
38	M740001	LA85489	881130	1504	WEST	1505	121				
39	M740001	LA86911	880819	1504	8	1505	121				
40	M740001	LA87180	880819	1504	8	1505	121				

	A	B	C	D	E	F	G	H	I	J	K
1	Main Acct.	Line Number	Active Date	Building 1	Room 1	Building 2	Room 2	Building 3	Room 3	Building 4	Room 4
41	M740001	LA87997	880921	1504	8	1505	121				
42	M740001	LA88183	880429	1504	3	1505	121				
43	M740001	AGD4111	920727	1504	5	4500-S	T-02				
44	M740001	AGD4127	831011	1504	6	4500-S	T002				
45	M740001	LA09013	900411	1505	LOBY	2500	COMM				
46	M740001	AGD0530	860814	1505	121	3504	3				
47	M740001	AGD4631	880219	1505	121	4505	278				
48	M740001	LA06190	900221	1505	156	7001	200A				
49	M740001	AGD2436	880308	1505	109	4500-N	F004				
50	M740001	GD15670	850813	1505	291	4500-N	294				
51	M740001	AGD2548	880219	1505	121	4500-S	T002				
52	M740001	AGD2557	900302	1505	169	4500-S	T002				
53	M740001	LA84189	880412	1505	207	4500-S	T002				
54	M740001	LA93374	890725	1505	122	4500-S	T002				
55	M740001	LA96553	890725	1505	122	4500-S	T002				
56	M740001	AGD0440	840214	1506	114	1505	121				
57	M740001	AGD0764	840501	1506	103	1505	121				
58	M740001	AGD0766	840501	1506	107	1505	121				
59	M740001	AGD0811	840516	1506	105	1505	121				
60	M740001	AGD3291	870428	1506	105	1505	121				
61	M740001	AGD4554	860718	1506	109	1505	358				
62	M740001	AGD4675	870420	1506	120	1505	121				
63	M740001	AGD4676	860718	1506	118	1505	358				
64	M740001	GD14029	870220	1506	116	1505	121				
65	M740001	GD19510	850626	1506	106	1505	121				
66	M740001	LA12489	910517	1506	114	1505	MUX				
67	M740001	LA15999	910517	1506	114A	1505	MUX				
68	M740001	LA20502	920226	1506	128	1505	121				
69	M740001	LA20963	920226	1506	128	1505	121				
70	M740001	LA21273	920226	1506	128	1505	121				
71	M740001	LA23491	920226	1506	128	1505	121				
72	M740001	LA76574	870219	1506	116	1505	121				
73	M740001	LA11150	911014	1506	110	4500-N	MUX				
74	M740001	LA17560	911104	1506	104	4500-N	270				
75	M740001	LA18565	911104	1506	104	4500-N	270				
76	M740001	LA93235	890830	1564	WEST	1505	121				
77	M740001	AGD3090	840914	2000	14	4500-N	270				
78	M740001	GD12539	850724	2000	039B	4500-N	294				
79	M740001	GD12939	850828	2000	039A	4500-N	294				

	A	B	C	D	E	F	G	H	I	J	K
1	Main Acct.	Line Number	Active Date	Building 1	Room 1	Building 2	Room 2	Building 3	Room 3	Building 4	Room 4
80	M740001	LA10001	860129	2000	32	4500-N	COMP				
81	M740001	LA18817	860129	2000	4	4500-N	COMP				
82	M740001	LA19789	860129	2000	8	4500-N	COMP				
83	M740001	LA60262	860717	2000	11	4500-N					
84	M740001	LA67103	861215	2000	12	4500-N	270				
85	M740001	LA67304	860717	2000	10	4500-N	270				
86	M740001	LA73608	870121	2000	38	4500-N	270				
87	M740001	LA82339	880713	2000	039C	4500-N	COMP				
88	M740001	LA95413	891101	2000	039E	4500-N	270				
89	M740001	LA23253	920417	2001	N109	3550	020E				
90	M740001	GD24393	920821	2001	A118	4500-N	294				
91	M740001	AGD0557	840312	2001	J101	4500-S	T002				
92	M740001	AGD1756	921109	2001	A104	4500-S	T002				
93	M740001	LA17218	910723	2001	A108	4500-S	T002				
94	M740001	LA24207	920629	2001	E100	4500-S	T-02				
95	M740001	LA07812	900719	2007	2	4500-N	270				
96	M740001	LA09390	900719	2007	101	4500-N	270				
97	M740001	LA32416	930909	2007	3	4500-S	T002				
98	M740001	LA98738	890214	2007	4	4500-S	0T-2				
99	M740001	GD11045	880909	2008	16	4500-N	294				
100	M740001	LA03611	900709	2008	11	4500-N	270				
101	M740001	LA77977	880205	2008	16	4500-N	294				
102	M740001	LA78752	880216	2008	16	4500-N	294				
103	M740001	LA70404	880205	2008	16	4500-S	T002				
104	M740001	LA81905	880407	2010	CLRK	4500-N	294				
105	M740001	LA39854	931124	2011	21	7001	200A				
106	M740001	LA05691	900524	2013	120	7001	200A				
107	M740001	LA23284	920911	2013	LNCH	4500-N	270				
108	M740001	LA77119	900611	2016	TRNG	4500-N	270				
109	M740001	LA10372	930519	2016	101A	4500-S	T002				
110	M740001	LA20197	920911	2018	16	4500	294				
111	M740001	LA20896	921204	2018	14	4500-N	294				
112	M740001	LA20940	920911	2018	17	4500-N	294				
113	M740001	LA21880	920911	2018	13	4500-N	294				
114	M740001	LA24233	920911	2018	15	4500-N	294				
115	M740001	LA12055	910204	2018	3	4500-S	T002				
116	M740001	AGD3091	850117	2024	210	4500-N	270				
117	M740001	GD11301	841203	2024	110	4500-N	270				
118	M740001	GD11978	850828	2024	208	4500-N	294				

	A	B	C	D	E	F	G	H	I	J	K
1	Main Acct.	Line Number	Active Date	Building 1	Room 1	Building 2	Room 2	Building 3	Room 3	Building 4	Room 4
119	M740001	GD13543	850724	2024	206	4500-N	294				
120	M740001	GD14078	850828	2024	202	4500-N	294				
121	M740001	GD19254	850805	2024	200	4500-N	294				
122	M740001	LA12092	910502	2024	209	4500-N	270				
123	M740001	LA12434	860129	2024	101	4500-N	COMP				
124	M740001	LA14884	930526	2024	50	4500-N	MUX				
125	M740001	LA16232	860130	2024	106	4500-N	COMP				
126	M740001	LA18540	860129	2024	105	4500-N	COMP				
127	M740001	LA65825	860401	2024	053A	4500-N	296				
128	M740001	LA75092	870122	2024	203	4500-N	270				
129	M740001	LA76573	930526	2024	50	4500-N	270				
130	M740001	LA12186	910410	2024	053A	4500-S	T002				
131	M740001	LA13606	910409	2024	053B	4500-S	T002				
132	M740001	LA13679	910530	2024	40	4500-S	T002				
133	M740001	LA14399	910107	2024	040B	4500-S	T002				
134	M740001	LA14970	910408	2024	052B	4500-S	T-2				
135	M740001	LA15814	910108	2024	040D	4500-S	T002				
136	M740001	LA16244	910409	2024	052C	4500-S	T-2				
137	M740001	LA17389	910107	2024	054B	4500-S	T002				
138	M740001	LA17647	910107	2024	040A	4500-S	T002				
139	M740001	LA18190	910409	2024	052A	4500-S	T002				
140	M740001	LA18425	930526	2024	50	4500-S	T002				
141	M740001	LA19067	910107	2024	050A	4500-S	T002				
142	M740001	LA19382	910107	2024	054A	4500-S	T002				
143	M740001	LA19976	910409	2024	052D	4500-S	T-2				
144	M740001	LA35373	930324	2024	53-B	4500-S	T-2				
145	M740001	LA61621	930630	2024	53-C	4500-S	T002				
146	M740001	LA36379	930309	2026	111	4500-N	294				
147	M740001	LA60274	860926	2026	105	4500-N	270				
148	M740001	LA61865	910207	2026	210	4500-N	270				
149	M740001	LA65661	870102	2026	203	4500-N	270				
150	M740001	LA79010	870514	2026	133	4500-N	270				
151	M740001	LA83011	930330	2026	140	4500-N	COMP				
152	M740001	LA89772	880426	2026	205	4500-N	COMP				
153	M740001	LA95026	890601	2026	R140	4500-N	294				
154	M740001	LA37361	931027	2026	129	4500-S	T002				
155	M740001	AGD0659	840402	2029	5	4500-N	COMP				
156	M740001	AGD0710	840514	2029	8	4500-S	COMP				
157	M740001	AGD1043	881011	2029	6	4500-S	T002				

	A	B	C	D	E	F	G	H	I	J	K
1	Main Acct.	Line Number	Active Date	Building 1	Room 1	Building 2	Room 2	Building 3	Room 3	Building 4	Room 4
158	M740001	LA01033	900615	2029	7	4500-S	T002				
159	M740001	LA39229	930226	2029	8	4500-S	MUX				
160	M740001	LA36018	931005	2500	GARD	3001	ROTR				
161	M740001	GS34485	930913	2500		1054-B	TRLR				
162	M740001	GD18059	850909	2500	104A	4500-N	COMP				
163	M740001	LA05718	920917	2500	102	4500-N	270				
164	M740001	LA72204	901004	2500	107	4500-N	270				
165	M740001	LA79151	871012	2500	109	4500-N	270				
166	M740001	LA15719	920514	2500	109	4500-S	T002				
167	M740001	LA36434	931019	2500	113	4500-S	T002				
168	M740001	LA33460	931005	2500	GARD	X-10	PT8C				
169	M740001	LA35094	931005	2500	GARD	X-10	PT1B				
170	M740001	LA37195	931005	2500	GARD	X-10	PT7B				
171	M740001	LA37346	931012	2500	GARD	X-10	GAT8				
172	M740001	LA09828	900214	2506	101	4500-N	270				
173	M740001	LA11624	850718	2506	TMKP	4500-N	294				
174	M740001	LA12948	850718	2506	TMKP	4500-N	294				
175	M740001	LA14666	850718	2506	TMKP	4500-N	294				
176	M740001	LA16482	850718	2506	TMKP	4500-N	294				
177	M740001	LA17047	850701	2506	TMKP	4500-N	294				
178	M740001	LA17926	850718	2506	TMKP	4500-N	294				
179	M740001	LA30651	930927	2506	115	4500-N	294				
180	M740001	LA81110	931208	2506	114	4500-N	270				
181	M740001	LA83012	880909	2506	116	4500-N	270				
182	M740001	LA83172	880909	2506	116A	4500-N	270				
183	M740001	LA84021	880314	2506	103	4500-N	270				
184	M740001	LA85367	880909	2506	116	4500-N	270				
185	M740001	LA86424	890515	2506	104	4500-N	270				
186	M740001	LA88140	890505	2506	104	4500-N	270				
187	M740001	AGD0193	880405	2506	116	4500-S	T002				
188	M740001	AGD0784	910819	2506	103A	4500-S	T002				
189	M740001	AGD1049	900206	2506	106	4500-S	T002				
190	M740001	AGD1495	850820	2506	118	4500-S	T002				
191	M740001	AGD2664	881213	2506	119	4500-S	T002				
192	M740001	AGD3155	880405	2506	116	4500-S	T002				
193	M740001	AGD3157	880405	2506	116A	4500-S	T002				
194	M740001	AGD3159	881116	2506	119	4500-S	T002				
195	M740001	AGD3398	881213	2506	119	4500-S	T002				
196	M740001	LA07146	901102	2506	116A	4500-S	T002				

	A	B	C	D	E	F	G	H	I	J	K
1	Main Acct.	Line Number	Active Date	Building 1	Room 1	Building 2	Room 2	Building 3	Room 3	Building 4	Room 4
197	M740001	LA22736	930106	2506	107	4500-S	T002				
198	M740001	LA36820	930903	2506	115	4500-S	T002				
199	M740001	LA90177	890601	2506	104	4500-S	T002				
200	M740001	AGD2264	870420	2517	5	2517	3	4500-S	T-2		
201	M740001	LA01505	920305	2517	CONF	4500-N	270				
202	M740001	LA03987	910605	2517	CONF	4500-N	294				
203	M740001	LA80285	880224	2517	1	4500-N	294				
204	M740001	LA86814	910605	2517	2	4500-N	MUX				
205	M740001	LA92502	890919	2517	10	4500-N	270				
206	M740001	LA13266	911111	2517	5	4500-S	T002				
207	M740001	LA15840	930903	2517	6	4500-S	T002				
208	M740001	LA02537	900830	2518	233	4500-N	270				
209	M740001	LA10418	870430	2518	232	4500-N	294				
210	M740001	LA15970	911014	2518	223	4500-N	MUX				
211	M740001	LA69560	860324	2518	204	4500-N	296				
212	M740001	AGD1388	840313	2518	108	4500-S	T002				
213	M740001	LA75106	870520	2518	K113	4500-S	T002				
214	M740001	LA28399	920713	2519	A200	4500-N	MUX				
215	M740001	LA35426	930609	2519	102	4500-N	294				
216	M740001	LA04353	900529	2519	A100	4500-S	T002				
217	M740001	LA30108	930213	2519	A100	4500-S	MUX				
218	M740001	LA31199	930213	2519	C101	4500-S	MUX				
219	M740001	LA84242	910114	2519	O102	4500-S	T002				
220	M740001	LA32817	930611	2523	ANEX	4500-N	294				
221	M740001	LA37028	930611	2523	ANEX	4500-N	294				
222	M740001	LA97637	890928	2525	103	4500-N	270				
223	M740001	LA90778	920519	2528	1	3017	MUX				
224	M740001	LA15201	910116	2528	3	4500-S	T002				
225	M740001	LA16051	910116	2528	6	4500-S	T002				
226	M740001	LA16466	910116	2528	5	4500-S	T002				
227	M740001	LA17594	910116	2528	2	4500-S	T002				
228	M740001	LA17807	920519	2528	2	4500-S	T002				
229	M740001	LA19982	910116	2528	2	4500-S	T002				
230	M740001	LA35262	930130	2528	4	4500-S	T002				
231	M740001	LA36655	930130	2528	1	4500-S	T002				
232	M740001	LA70895	870420	2547	3	4500-N	270				
233	M740001	LA74821	870519	2547	2	4500-N	270				
234	M740001	LA77018	870529	2547	1	4500-N	270				
235	M740001	LA15470	910405	2621		4508	MUX				

	A	B	C	D	E	F	G	H	I	J	K
1	Main Acct.	Line Number	Active Date	Building 1	Room 1	Building 2	Room 2	Building 3	Room 3	Building 4	Room 4
236	M740001	LA16488	910405	2621		4508	MUX				
237	M740001	LA17729	910405	2621		4508	MUX				
238	M740001	LA19088	910405	2621		4508	MUX				
239	M740001	LA20281	920130	2621	34	7001	COMP				
240	M740001	LA21037	920130	2621	40	7001	COMP				
241	M740001	LA27487	920527	2621	39	7001	MUX				
242	M740001	LA90374	900612	2621	2	4500-N	270				
243	M740001	LA11294	910710	2647	101	4500-N	T002				
244	M740001	LA15066	910802	2647	108	4500-N	T002				
245	M740001	LA17245	910710	2647	105	4500-N	T002				
246	M740001	LA18596	910710	2647	103	4500-N	T002				
247	M740001	LA26940	920825	2647	104	4500-N	MUX				
248	M740001	LA11154	930903	2647	109	4500-S	T002				
249	M740001	LA21374	931008	3001	302B	3025	MUX				
250	M740001	LA12812	921127	3001	217	4500-N	270	3001	MUX		
251	M740001	LA28605	920707	3001	102	4500-N	T002				
252	M740001	LA34684	930211	3001	102	4500-N	294				
253	M740001	LA70109	930513	3001	102E	4500-N	270	3001	MUX		
254	M740001	LA75572	870206	3001	216	4500-N	270				
255	M740001	LA82023	921127	3001	203	4500-N	270	3001	MUX		
256	M740001	LA02179	921127	3001	106	4500-S	T002	3001	MUX		
257	M740001	LA23546	921012	3001	111W	4500-S	T002	3001	MUX		
258	M740001	LA24521	920707	3001	102	4500-S	T002				
259	M740001	GD15110	900312	3003	114	4500-N	COMP				
260	M740001	GD16829	850724	3003	113	4500-N	COMP				
261	M740001	GD16879	880518	3003	202	4500-N	COMP				
262	M740001	LA11717	910121	3005	WEST	4500-S	T002				
263	M740001	LA29304	930204	3010	CONT	4500-N	294				
264	M740001	LA24247	930126	3010	200	4500-S	T-2				
265	M740001	LA36708	930330	3010	CNTL	4500-S	T-2				
266	M740001	GD10789	860422	3017	2FLR	4500-N	ATV				
267	M740001	LA05349	900214	3017	12	4500-N	270				
268	M740001	LA21886	931015	3017	8	4500-N	294				
269	M740001	AGD0896	910124	3019	35	4500-N	270				
270	M740001	LA08595	900711	3019	138	4500-N	294				
271	M740001	LA13224	910919	3019	123	4500-N	MUX				
272	M740001	LA22976	921008	3019	103C	4500-N	294				
273	M740001	LA66408	861008	3019	228	4500-N	270				
274	M740001	LA83104	890209	3019	103A	4500-N	270				

	A	B	C	D	E	F	G	H	I	J	K
1	Main Acct.	Line Number	Active Date	Building 1	Room 1	Building 2	Room 2	Building 3	Room 3	Building 4	Room 4
275	M740001	LA90649	890810	3019	134	4500-N	270				
276	M740001	LA96798	890928	3019	123	4500-N	270				
277	M740001	AGD3017	900209	3019	129B	4500-S	T002				
278	M740001	LA10986	910205	3019	127	4500-S	T002				
279	M740001	LA71849	900209	3019	128	4500-S	T002				
280	M740001	LA96784	910919	3019	131	4500-S	T002				
281	M740001	LA79629	921231	3025	E110	3001	MUX				
282	M740001	LA22613	920505	3025	RMKS	7001	COMP				
283	M740001	LA35167	931001	3025	E108	4500-N	294				
284	M740001	LA37978	931008	3025	E103	4500-N	294				
285	M740001	LA75969	870420	3025	M119	4500-N	270				
286	M740001	LA76155	900104	3025	E102	4500-N	270				
287	M740001	LA93676	890602	3025	L200	4500-N	294				
288	M740001	LA23984	920214	3025	110	4500-S	MUX				
289	M740001	LA61423	900104	3025	E102	4500-S	T002				
290	M740001	LA97365	931101	3025	305	4500-S	T002				
291	M740001	LA98728	931101	3025	305	4500-S	T002				
292	M740001	LA81182	910122	3032	WEST	4500-N	270				
293	M740001	LA19667	930304	3033	1	4500-N	294				
294	M740001	LA12577	911017	3037	101	4500-N	MUX				
295	M740001	LA17677	851230	3037	107G	4500-N	294				
296	M740001	LA17735	911017	3037	101	4500-N	MUX				
297	M740001	LA77537	871208	3037	107E	4500-N	270				
298	M740001	LA94009	891016	3037	205	4500-N	270				
299	M740001	AGD2532	890919	3037	202	4500-S	T002				
300	M740001	LA09909	930423	3037	204	4500-S	T002				
301	M740001	LA13550	910218	3037	206	4500-S	T002				
302	M740001	LA15815	910218	3037	207B	4500-S	T002				
303	M740001	LA18320	910304	3037	202	4500-S	T002				
304	M740001	LA19176	910218	3037	207B	4500-S	T002				
305	M740001	LA19533	910304	3037	206	4500-S	T002				
306	M740001	LA74146	891016	3037	209	4500-S	T002				
307	M740001	LA77894	901102	3037	107B	4500-S	T002				
308	M740001	AGD0666	891011	3038	LAB	3047	228A				
309	M740001	LA15196	911127	3038	EAST	4500-N	294				
310	M740001	LA68156	860926	3038	18	4500-N	270				
311	M740001	LA73427	891004	3038	109	4500-N	270				
312	M740001	LA82674	880823	3042	206	4500-N	270				
313	M740001	LA21707	920709	3042	2FLR	4500-S	T002				

	A	B	C	D	E	F	G	H	I	J	K
1	Main Acct.	Line Number	Active Date	Building 1	Room 1	Building 2	Room 2	Building 3	Room 3	Building 4	Room 4
314	M740001	LA21884	920709	3042	2FLR	4500-S	T002				
315	M740001	LA78218	890124	3042	207	4500-S	T002				
316	M740001	AGD2353	920202	3044	OFFC	4500-S	T-02				
317	M740001	AGD4669	920323	3047	224	1505	121				
318	M740001	GD16378	920317	3047	126	4500-N	294				
319	M740001	LA00350	911023	3047	222	4500-N	270				
320	M740001	LA08703	920317	3047	126	4500-N	270				
321	M740001	LA11654	930628	3047	213	4500-N	OFFC				
322	M740001	LA80069	920317	3047	128	4500-N	294				
323	M740001	LA86474	920317	3047	126	4500-N	294				
324	M740001	LA95610	900112	3047	313	4500-N	294				
325	M740001	AGD4607	911023	3047	223	4500-S	T-02				
326	M740001	GDP4355	920317	3047	128A	4500-S	T002				
327	M740001	LA67517	860725	3080	NRTH	4500-N	294				
328	M740001	GD19901	841217	3104	1	4500-N	270				
329	M740001	LA18987	851115	3104	4	4500-N	294				
330	M740001	AGD3719	841218	3104	3	4500-S	T002				
331	M740001	LA99768	910522	3104	OFF.	4500-S	T002				
332	M740001	LA70255	870610	3105	STOR	2026	MNHL				
333	M740001	LA76896	870513	3105	STOR	2026	MNHL				
334	M740001	LA77507	870610	3105	STOR	2026	MNHL				
335	M740001	LA79649	870610	3105	STOR	2026	MNHL				
336	M740001	LA07210	900613	3105		3001	MUX				
337	M740001	GS81204	880722	3105	WALL	7661	WALL				
338	M740001	GS81288	880722	3105	WALL	7661	WALL				
339	M740001	LA16752	910227	3105	CTRL	4500-N	270				
340	M740001	LA17950	851217	3114	WALL	4500-N	294				
341	M740001	LA64283	931007	3115	1	3025	M305				
342	M740001	LA37068	931007	3115	1	4500-N	294				
343	M740001	LA79051	870202	3115	3	4500-N	270				
344	M740001	AGD0762	861004	3130	200	4500-N	PDP				
345	M740001	GD12708	871015	3130	203	4500-N	294				
346	M740001	GD15158	850724	3130	COMP	4500-N	COMP				
347	M740001	GD15870	850924	3130	202	4500-N	294				
348	M740001	GD18278	861004	3130	20	4500-N	294				
349	M740001	LA12091	910321	3130	203	4500-N	270				
350	M740001	LA90275	890203	3130	201	4500-S	T002				
351	M740001	LA63008	931025	3137	MUX	3025	M305				
352	M740001	LA66558	860916	3137	215	3731	MUX				

	A	B	C	D	E	F	G	H	I	J	K
1	Main Acct.	Line Number	Active Date	Building 1	Room 1	Building 2	Room 2	Building 3	Room 3	Building 4	Room 4
353	M740001	LA34069	930929	3137	MUX	4500-S	T-2				
354	M740001	LA06770	900626	3147	2321	4500-N	270				
355	M740001	LA07509	900626	3147	138	4500-N	270				
356	M740001	AGD3273	800902	3500	B015	4500-N	K124				
357	M740001	LA61594	860825	3500	D010	4500-N	294				
358	M740001	AGD0431	840110	3500	39	4500-S	T002				
359	M740001	AGD4951	840531	3500	29	4500-S	T002				
360	M740001	LA23981	921030	3502	104	7001	200A				
361	M740001	GD13278	850730	3502	105	4500-N	294				
362	M740001	AGD3396	920714	3502	105	4500-S	T002				
363	M740001	LA09348	920225	3503	201	4500-N	270				
364	M740001	LA23990	921203	3503	201B	4500-N	294				
365	M740001	LA30352	930701	3503	103	4500-N	294				
366	M740001	LA31067	930701	3503	101	4500-N	294				
367	M740001	LA37273	930701	3503	103	4500-N	294				
368	M740001	LA86675	880718	3503	105	4500-N	270				
369	M740001	GDP3266	920706	3503	101	4500-S	T002				
370	M740001	LA13708	920625	3503	201A	4500-S	T002				
371	M740001	LA20657	920717	3503	105	4500-S	T002				
372	M740001	GD14777	850522	3504	106	1505	206				
373	M740001	LA12557	910520	3504	207	4500-N	270				
374	M740001	LA94681	901004	3504	104A	4500-N	270				
375	M740001	AGD3270	830622	3504	205	4500-S	T002				
376	M740001	AGD4613	801205	3504	202	4500-S	T002				
377	M740001	LA14640	910520	3504	207	4500-S	T002				
378	M740001	LA16858	920406	3504	206	4500-S	T002				
379	M740001	LA18713	911121	3504	209A	4500-S	T002				
380	M740001	LA77976	871123	3505	1	4500-N	270				
381	M740001	LA76391	870511	3517	207	4500-N	270				
382	M740001	LA91756	890621	3517		4500-S	T002				
383	M740001	LA00924	900709	3525	101	4500-N	270				
384	M740001	LA03400	900709	3525	101	4500-N	270				
385	M740001	LA79461	871120	3525	HP*	4500-N	270				
386	M740001	LA91044	891110	3525	113	4500-N	270				
387	M740001	AGD0301	870519	3525	108	4500-S	T002				
388	M740001	LA22100	930113	3525	102	4500-S	MUX				
389	M740001	LA23439	930113	3525	104	4500-S	T002				
390	M740001	LA36183	930205	3525	109	4500-S	T002				
391	M740001	LA37317	930205	3525	104	4500-S	T002				

	A	B	C	D	E	F	G	H	I	J	K
1	Main Acct.	Line Number	Active Date	Building 1	Room 1	Building 2	Room 2	Building 3	Room 3	Building 4	Room 4
392	M740001	LA39582	931025	3525	OPER	4500-S	T002				
393	M740001	GD10520	930513	3546	207	4500-N	294				
394	M740001	LA29581	921006	3546	201	4500-N	294				
395	M740001	LA79023	920729	3546	209	4500-N	270				
396	M740001	LA64535	920210	3546	211	4500-S	T002				
397	M740001	LA11999	910626	3550	19	4508	MUX				
398	M740001	LA13475	910605	3550	015D	4508	MUX				
399	M740001	LA15461	910605	3550	4	4508	MUX				
400	M740001	LA16864	910626	3550	19	4508	MUX				
401	M740001	LA18780	910605	3550	32	4508	MUX				
402	M740001	AGD0587	920410	3550	17-A	4500-N	COMP				
403	M740001	LA11268	910826	3550	4	4500-N	294				
404	M740001	LA11866	920410	3550	20-D	4500-N	294				
405	M740001	LA13648	910826	3550	9	4500-N	294				
406	M740001	LA15867	910826	3550	015A	4500-N	294				
407	M740001	LA16968	910826	3550	19	4500-N	294				
408	M740001	LA17001	910826	3550	26	4500-N	294				
409	M740001	LA19775	910826	3550	015D	4500-N	294				
410	M740001	LA23605	920821	3550	027A	4500-N	MUX				
411	M740001	LA04756	920410	3550	6	4500-S	T002				
412	M740001	LA09381	920410	3550	06-A	4500-S	T002				
413	M740001	LA33444	930213	4500	134	4508	MUX				
414	M740001	AGD0305	831219	4501	110	4500-N	PDP				
415	M740001	AGD1884	841004	4501	216	4500-N	270				
416	M740001	AGD7954	880401	4501	204	4500-N	PDP				
417	M740001	AGD9842	841003	4501	226	4500-N	270				
418	M740001	GD19391	871014	4501	215	4500-N	270				
419	M740001	LA06656	920528	4501	113	4500-N	270				
420	M740001	LA08106	900103	4501	123	4500-N	ATV				
421	M740001	LA15892	920528	4501	113	4500-N	270				
422	M740001	LA18859	911104	4501	207	4500-N	MUXX				
423	M740001	LA27470	921229	4501	312	4500-N	294				
424	M740001	LA29645	921229	4501	312	4500-N	294				
425	M740001	LA32072	930322	4501	113	4500-N	294				
426	M740001	LA33628	930322	4501	113	4500-N	294				
427	M740001	LA38005	931020	4501	112B	4500-N	294				
428	M740001	LA62302	930111	4501	214	4500-N	296				
429	M740001	LA76529	870319	4501	117A	4500-N	270				
430	M740001	AGD1989	871202	4501	206	4500-S	T002				

	A	B	C	D	E	F	G	H	I	J	K
1	Main Acct.	Line Number	Active Date	Building 1	Room 1	Building 2	Room 2	Building 3	Room 3	Building 4	Room 4
431	M740001	LA02717	900518	4501	201	4500-S	T002				
432	M740001	LA07797	900518	4501	224	4500-S	T002				
433	M740001	LA15454	910220	4501	104	4500-S	T002				
434	M740001	LA30807	931123	4501	213	4500-S	00TZ				
435	M740001	LA31289	930824	4501	227	4500-S	T002				
436	M740001	LA35982	930504	4501	112A	4500-S	T002				
437	M740001	LA37937	930503	4501	112E	4500-S	T002				
438	M740001	LA39779	931123	4501	101	4500-S	T-2				
439	M740001	LA80954	920528	4501	113	4500-S	T002				
440	M740001	GD18675	920730	4505	31-A	4500-N	294	4505	31-A		
441	M740001	LA11526	861119	4505	37	4500-N	270				
442	M740001	LA22007	920902	4505	17	4500-N	294				
443	M740001	LA34046	930514	4505	013B	4500-N	294				
444	M740001	LA35218	930426	4505	013B	4500-N	294				
445	M740001	LA39897	930412	4505	013A	4500-N	294				
446	M740001	LA64326	871104	4505	031B	4500-N	270				
447	M740001	LA67460	910724	4505	032A	4500-N	296				
448	M740001	LA69651	860819	4505	37	4500-N	270				
449	M740001	LA72432	911127	4505	032C	4500-N	270				
450	M740001	LA80889	920930	4505	027D	4500-N	270				
451	M740001	AGD1773	910306	4505	376	4500-S	T002				
452	M740001	GD18637	880107	4505	015C	4500-S	T002				
453	M740001	LA15983	910412	4505	027C	4500-S	T002				
454	M740001	LA16578	910412	4505	027A	4500-S	T002				
455	M740001	LA37896	930219	4505	29	4500-S	T002				
456	M740001	LA65480	900108	4505	037A	4500-S	T002				
457	M740001	GDP4584	920706	4508	233	1505	102				
458	M740001	LA38458	931026	4508	249	7001	200A				
459	M740001	LA21274	920228	4508	MUX	7917	MUX				
460	M740001	LA19227	911007	4508	135	4500-N	MUX				
461	M740001	LA92269	900730	4508	106B	4500-N	270				
462	M740001	AGD1838	920803	4508	235A	4500-S	T-02				
463	M740001	LA02967	900417	4508	217	4500-S	T002				
464	M740001	LA04864	900417	4508	217	4500-S	T002				
465	M740001	LA24583	921130	4508	TRLR	4500-S	MUX				
466	M740001	LA32296	931022	4508	119	4500-S	T002				
467	M740001	LA35551	930830	4508	235	4500-S	T-02				
468	M740001	LA37898	930830	4508	235D	4500-S	T-02				
469	M740001	LA99012	890221	4508	135	4500-S	T002				

	A	B	C	D	E	F	G	H	I	J	K
1	Main Acct.	Line Number	Active Date	Building 1	Room 1	Building 2	Room 2	Building 3	Room 3	Building 4	Room 4
470	M740001	LA12169	911017	4512	LSS	4500-N	270				
471	M740001	LA60045	860801	4512	CONT	4500-N	296				
472	M740001	LA72492	871021	4512	112	4500-N	270				
473	M740001	LA78428	891012	4512	112	4500-N	270				
474	M740001	AGD3498	930119	4512	114	4500-S	T-02				
475	M740001	LA01310	900514	4512	112	4500-S	T002				
476	M740001	LA12597	910122	4512	103	4500-S	T002				
477	M740001	LA36880	930203	4512	104	4500-S	T002				
478	M740001	LA91666	891012	4512	112	4500-S	T002				
479	M740001	LA97266	930225	4515	L216	4508	MUX				
480	M740001	LA22942	920819	5000	8	2500	CTRL				
481	M740001	AGD0893	840619	5000	3	4500-N	270				
482	M740001	AGD0907	860425	5000	13	4500-N	270	4512			
483	M740001	AGD0988	881227	5000	13	4500-N	270				
484	M740001	LA25302	920720	5000	8	4500-N	MUX				
485	M740001	LA72997	870223	5000	8	4500-N	270				
486	M740001	AGD1814	900514	5000	5	4500-S	T002				
487	M740001	AGD2608	870601	5000	017A	4500-S	H257				
488	M740001	LA72498	880106	5000	1	4500-S	T002				
489	M740001	LA94661	891220	5000	1	4500-S	T002				
490	M740001	GD01899	911105	5500	204	4500-N	294				
491	M740001	GD02898	900625	5500	127	4500-N	294				
492	M740001	GD04444	900625	5500	202	4500-N	294				
493	M740001	GD06653	900625	5500	210	4500-N	294				
494	M740001	LA00603	931027	5500	119D	4500-N	270				
495	M740001	LA02116	900703	5500	218	4500-N	270				
496	M740001	LA07376	900703	5500	129	4500-N	270				
497	M740001	LA15721	911112	5500	214	4500-N	270				
498	M740001	LA94325	891226	5500	202	4500-N	270				
499	M740001	LA95916	890912	5500	215	4500-N	270				
500	M740001	LA82127	890210	5500	C110	4500-S	T002				
501	M740001	LA91232	890912	5500	217	4500-S	T002				
502	M740001	GD18385	930308	5505	8	4500-N	294				
503	M740001	GDP3264	920706	5505	26	4500-N	258				
504	M740001	LA27686	921020	5505	30	4500-N	MUX				
505	M740001	LA68640	860717	5505	14	4500-N	270				
506	M740001	LA94052	890817	5505	LOBY	4500-N	270				
507	M740001	AGD0973	840724	5505	1	4500-S	T002				
508	M740001	AGD2441	900402	5505	30	4500-S	T002				

	A	B	C	D	E	F	G	H	I	J	K
1	Main Acct.	Line Number	Active Date	Building 1	Room 1	Building 2	Room 2	Building 3	Room 3	Building 4	Room 4
509	M740001	GDP4799	930525	5505	12	4500-S	T002				
510	M740001	LA18998	911211	5505	24	4500-S	T002				
511	M740001	LA30760	930806	5505	28	4500-S	T-2				
512	M740001	LA78317	870309	5505	15	4500-S	T002				
513	M740001	LA99201	890706	5505	2	4500-S	T002				
514	M740001	LA31495	931013	5507		4500-S	MUX				
515	M740001	LA34402	931013	5507		4500-S	MUX				
516	M740001	LA39599	931013	5507		4500-S	MUX				
517	M740001	LA93895	891129	5510	MECH	4500-N	270				
518	M740001	LA06589	901009	6000	209	4500-N	270				
519	M740001	LA27621	921203	6000	111	4500-N	294				
520	M740001	GD16826	851114	6003	104	4500-N	294				
521	M740001	AGD0871	840531	6010	220	6025	007L				
522	M740001	AGD1090	820312	6010	100	6025	007L				
523	M740001	GD14260	850821	6010	212	6025	7-L				
524	M740001	LA64498	861216	6010	106	6025	007L				
525	M740001	LA98529	890915	6010	113	6025	MUX				
526	M740001	LA25723	921029	6010	M003	4500-N	MUX				
527	M740001	LA89986	880812	6011	109	4500-N	294				
528	M740001	AGD4637	850305	6025		6008	121				
529	M740001	AGD4640	850305	6025		6008	121				
530	M740001	GD13899	860512	6025	COMP	6010	102				
531	M740001	GD17101	841217	6025	COMP	6010	102				
532	M740001	AGD3704	840801	6025	COMP	4500-N	270				
533	M740001	GD19222	910703	6025	008N	4500-N	294				
534	M740001	LA91501	890724	6025	007L	4500-S	T002				
535	M740001	LA98835	890725	6025	007L	4500-S	T002				
536	M740001	LA22756	920904	6026	MUX	4500-S	T002				
537	M740001	LA86473	880304	7001	200A	1000	119C				
538	M740001	LA28636	920228	7001	FL2	4508	MUX				
539	M740001	GD14415	891113	7001	MODU	4500-N	294				
540	M740001	LA04892	900810	7001	103B	4500-N	270				
541	M740001	LA19842	910304	7001	103G	4500-N	270				
542	M740001	LA76765	891113	7001	MODU	4500-N	270				
543	M740001	LA83237	890831	7001		4500-N	270				
544	M740001	LA83282	880801	7001	203A	4500-N	270				
545	M740001	LA84956	891113	7001	MODU	4500-N	270				
546	M740001	LA13454	910506	7001	111	4500-S	T002				
547	M740001	LA19030	910213	7001	B101	4500-S	T002				

	A	B	C	D	E	F	G	H	I	J	K
1	Main Acct.	Line Number	Active Date	Building 1	Room 1	Building 2	Room 2	Building 3	Room 3	Building 4	Room 4
548	M740001	LA79739	871012	7001	201B	4500-S	T002				
549	M740001	LA96942	890224	7001	205A	4500-S	T002				
550	M740001	LA27064	921113	7002	110	4500-N	294				
551	M740001	LA78389	870420	7003		4500-N	270				
552	M740001	AGD2603	870206	7003	EXP	4500-S	T002				
553	M740001	LA13339	910126	7003	WEST	4500-S	T002				
554	M740001	LA15093	910126	7003	N.E.	4500-S	T002				
555	M740001	LA16709	910126	7003	WEST	4500-S	T002				
556	M740001	LA39475	931207	7012	106C	7001	200A				
557	M740001	LA39796	931207	7012	106C	7001	200A				
558	M740001	AGD0630	840319	7012	101	4500-N	COMP				
559	M740001	LA67135	860918	7012	OFFC	4500-N	270				
560	M740001	LA69761	900305	7012	102	4500-N	270				
561	M740001	LA72319	870420	7012	108	4500-N	270				
562	M740001	LA73297	871020	7012	107	4500-N	270				
563	M740001	LA75382	870605	7012	102	4500-N	270				
564	M740001	AGD0421	870130	7012	109	4500-S	T002				
565	M740001	AGD3716	870130	7012	106	4500-S	T002				
566	M740001	AGD3717	900305	7012	110	4500-S	T002				
567	M740001	LA33720	931207	7012	106C	4500-S	T-02				
568	M740001	LA03784	900727	7018	OFFC	4500-N	294				
569	M740001	LA89871	880420	7018	101B	4500-N	270				
570	M740001	LA82699	880115	7018	103A	4500-S	T002				
571	M740001	AGD3247	920715	7035	000A	4500-S	T002				
572	M740001	LA35250	931018	7067	1	4500-S	T002				
573	M740001	LA14924	910821	7077	4	4500-S	MUX				
574	M740001	LA38461	931029	7077	2	4500-S	MUX				
575	M740001	LA39434	931029	7077	3	4500-S	MUX				
576	M740001	LA97465	910821	7077	1	4500-S	T-02				
577	M740001	GD96270	890913	7503	CAGE	3105	MUX				
578	M740001	GD96815	890913	7503	CAGE	3105	MUX				
579	M740001	LA02261	900423	7503	CONF	7509	MUX				
580	M740001	AGD3217	891121	7503	3	4500-N	215				
581	M740001	LA75847	871015	7503	14	4500-N	270				
582	M740001	LA79091	870202	7503	010F	4500-N	270				
583	M740001	LA79825	871016	7503	14	4500-N	270				
584	M740001	LA23610	921217	7505	16	4500-N	294				
585	M740001	LA26651	921117	7505	20	4500-N	294				
586	M740001	LA31125	930806	7505	5	4500-S	MUX				

	A	B	C	D	E	F	G	H	I	J	K
1	Main Acct.	Line Number	Active Date	Building 1	Room 1	Building 2	Room 2	Building 3	Room 3	Building 4	Room 4
587	M740001	LA90341	900108	7509	BSMT	7503	MUX				
588	M740001	LA91470	900108	7509	BSMT	7503	MUX				
589	M740001	LA92198	900108	7509	BSMT	7503	MUX				
590	M740001	LA93246	900108	7509	BSMT	7503	MUX				
591	M740001	LA93685	900108	7509	BSMT	7503	MUX				
592	M740001	LA96189	900108	7509	BSMT	7503	MUX				
593	M740001	AGD3379	880804	7509	13	4500-S	T002				
594	M740001	LA11261	910123	7601	103	7603	258				
595	M740001	LA61616	911218	7601	217	7603	256				
596	M740001	LA79891	870306	7601	202	7603	252				
597	M740001	LA12621	910815	7603	157	7601	MUX				
598	M740001	LA10328	910913	7606	4	4500-N	MUX				
599	M740001	LA87309	881214	7653	OFFC	4500-N	270				
600	M740001	LA94112	890221	7666	OFFC	4500-S	T002				
601	M740001	GD14504	850703	7702		6025	7-L				
602	M740001	AGD4419	831026	7710		4500-S	T002				
603	M740001	LA94188	890906	7824	OFFC	4500-N	270				
604	M740001	LA96188	891120	7824	OFFC	4500-N	270				
605	M740001	LA14515	911218	7824	3	4500-S	T002				
606	M740001	LA34532	930125	7824	OFFC	4500-S	MUX				
607	M740001	LA37655	930125	7824	OFFC	4500-S	MUX				
608	M740001	LA84575	880716	7831	215	4500-N	270				
609	M740001	LA28408	930629	7876	TRLR	4500-N	294				
610	M740001	LA67421	861003	7900	206	4500-N	270				
611	M740001	LA78060	871013	7900	3	4500-N	270				
612	M740001	LA81230	910415	7900	G010	4500-N	294				
613	M740001	LA81322	910415	7900	103	4500-N	294				
614	M740001	LA82963	880210	7900	107	4500-N	294				
615	M740001	LA86427	880503	7900	LAB	4500-N	270				
616	M740001	AGD4615	871112	7900	CONT	4500-S	T002				
617	M740001	AGD4680	881102	7900	G011	4500-S	T002				
618	M740001	AGD4681	881102	7900	G011	4500-S	T002				
619	M740001	LA03504	900221	7900	ALAB	7964-B	MUX				
620	M740001	LA09865	901030	7900	3FLR	7964-B	MUX				
621	M740001	LA13529	911031	7910	MUX	4508	MUX				
622	M740001	GD07840	911127	7910	2	4500-N	MUX	4512	CLOS	7900	CRTL
623	M740001	AGD2554	870611	7910	3	4500-S	T002				
624	M740001	LA29912	930108	7910	37	4500-S	T002				
625	M740001	LA00611	900524	7917	MCR	4500-S	T002				

	A	B	C	D	E	F	G	H	I	J	K
1	Main Acct.	Line Number	Active Date	Building 1	Room 1	Building 2	Room 2	Building 3	Room 3	Building 4	Room 4
626	M740001	GD10882	851004	7920	16	4500-N	294				
627	M740001	GD18136	851004	7920	4	4500-N	294				
628	M740001	LA15306	920205	7920	FLR1	4500-N	MUX				
629	M740001	LA60222	880711	7920	1	4500-N	270				
630	M740001	LA63845	861003	7920	103	4500-N	270				
631	M740001	LA18963	910917	7930	110	4500-N	MUX				
632	M740001	LA83163	880928	7930	104	4500-N	270				
633	M740001	LA85848	880928	7930	105	4500-N	270				
634	M740001	LA88516	880928	7930	106	4500-N	270				
635	M740001	LA73148	871230	7930	104	4500-S	T002				
636	M740001	LA94958	890627	7930	119	7964-A	MUX				
637	M740001	LA96255	890627	7930	119	7964-A	MUX				
638	M740001	LA33638	930519	7933	3	4500-N	294				
639	M740001	LA17093	910118	7933	NRTH	4500-S	T002				
640	M740001	LA84688	880825	7962	7	4500-N	270				
641	M740001	LA88414	880606	7962	7	4500-N	270				
642	M740001	GD92805	911209	9103	IGS	2500	106				
643	M740001	GD11293	860402	9103	MUX	9106	107				
644	M740001	LA18788	910917	9103	129	9112	124E				
645	M740001	LA90970	890331	9103	129	9117	140				
646	M740001	LA95758	890516	9103	129D	9208	8111				
647	M740001	LA13796	910716	9103	255	9702	MUX				
648	M740001	LA16015	910716	9103	255	9702	MUX				
649	M740001	LA11968	910702	9103	129	9709	105				
650	M740001	LA17720	910703	9103	129	9739	MUX				
651	M740001	LA14705	910702	9103	129	9996	MUX				
652	M740001	LA72073	920121	9103	129	9998	LAB				
653	M740001	LA77039	920121	9103	129	9998	LAB				
654	M740001	LA18396	910917	9103	129	9201-5	MUX				
655	M740001	LA11262	910401	9103	129	9204-2E	COMP				
656	M740001	LA16063	910401	9103	129	9204-2E	COMP				
657	M740001	GD11324	851014	9103	MUX	9701-7	PORT				
658	M740001	LA12270	910710	9103	129	9704-2	131A				
659	M740001	AGD1722	820824	9103	MULT	9983-35					
660	M740001	AGD1723	820824	9103	MULT	9983-35					
661	M740001	AGD1724	820824	9103	MULT	9983-35					
662	M740001	AGD1725	820824	9103	MULT	9983-35					
663	M740001	AGD1736	820824	9103	MULT	9983-35					
664	M740001	DHD3089	901116	9103	129	K-1007	COMP				

	A	B	C	D	E	F	G	H	I	J	K
1	Main Acct.	Line Number	Active Date	Building 1	Room 1	Building 2	Room 2	Building 3	Room 3	Building 4	Room 4
665	M740001	AGD1780	840313	9103	215	TRAILER					
666	M740001	LA01035	900807	9105	110	9702	MUX				
667	M740001	LA01908	900807	9105	203	9702	MUX				
668	M740001	LA03740	900807	9105	111	9702	MUX				
669	M740001	LA06772	900807	9105	111	9702	MUX				
670	M740001	LA07511	900807	9105	108	9702	MUX				
671	M740001	LA14647	910218	9105	116	9702	MUX				
672	M740001	LA19153	910218	9105	120	9702	MUX				
673	M740001	AGD3173	860530	9105	208	9201-2	COMP				
674	M740001	LA87680	880125	9106	MUX	9103	129				
675	M740001	LA11625	860121	9106	MUX	9215	3				
676	M740001	LA10029	931123	9106	14	9702	MUX				
677	M740001	LA11214	931123	9106	14	9702	MUX				
678	M740001	LA12961	931123	9106	14	9702	MUX				
679	M740001	LA13219	931123	9106	14	9702	MUXC				
680	M740001	LA15642	931123	9106	14	9702	MUX				
681	M740001	LA17398	931123	9106	14	9702	MUX				
682	M740001	LA18477	931123	9106	14	9702	MUX				
683	M740001	LA19004	931123	9106	14	9702	MUX				
684	M740001	LA19776	931123	9106	14	9702	MUXC				
685	M740001	LA82865	890711	9106	6	9702	MUX				
686	M740001	LA82904	890721	9106	010B	9702	MUX				
687	M740001	LA96536	890414	9106	20	9702	MUX				
688	M740001	LA99557	890407	9106	21	9702	MUX				
689	M740001	GD10386	850913	9106	MUX	9709	14				
690	M740001	GD17104	850501	9106	MUX	9712	OFFC				
691	M740001	AGD1414	890106	9106	33	9739	MUX				
692	M740001	AGD1964	880705	9106	40	9739	MUX				
693	M740001	GD15901	880323	9106	21	9739	MUX				
694	M740001	GD10500	851011	9106	MUX	9764	3				
695	M740001	GD13087	850501	9106	MUX	9808	OFFC				
696	M740001	GD17128	860115	9106	MUX	9102-2	107				
697	M740001	GD12404	850402	9106	MUX	9201-3	354				
698	M740001	GD15605	850402	9106	MUX	9201-3	361				
699	M740001	GD16934	850402	9106	MUX	9201-3	358				
700	M740001	GD17757	850402	9106	MUX	9201-3	356				
701	M740001	GD18012	850402	9106	MUX	9201-3	380				
702	M740001	GD19953	850402	9106	MUX	9201-3	367				
703	M740001	GD12338	850522	9106	MUX	9201-5	137A				

	A	B	C	D	E	F	G	H	I	J	K
1	Main Acct.	Line Number	Active Date	Building 1	Room 1	Building 2	Room 2	Building 3	Room 3	Building 4	Room 4
704	M740001	GD16398	850522	9106	MUX	9201-5	B246				
705	M740001	GD11983	850524	9106	MUX	9201-5E	SHOP				
706	M740001	GD12337	920114	9106	MUX	9204-2	MUX				
707	M740001	AGD5987	851010	9106	MUX	9215-A	12				
708	M740001	LA17571	851214	9106	MUX	9401-2	3				
709	M740001	LA19532	851213	9106	MUX	9401-2	2				
710	M740001	LA16771	851227	9106	MUX	9710-2	104				
711	M740001	LA10022	851123	9106	MUX	9711-1	3				
712	M740001	LA15383	851123	9106	MUX	9711-1	3				
713	M740001	GD16066	861117	9106	MUX	9720-13	FRMN				
714	M740001	LA67630	861231	9106	42	PORTAL	28				
715	M740001	LA31461	930304	9107	122	9702	MUX				
716	M740001	LA67543	861212	9108	108	9702	MUX				
717	M740001	GD16673	870211	9109	101	9106	MUX				
718	M740001	LA12217	931001	9109	204	9106	MUX				
719	M740001	LA35013	931026	9109	200	9106	MUX				
720	M740001	LA61414	860612	9109	RECP	9106	MUX				
721	M740001	LA64784	860612	9109	106	9106	MUX				
722	M740001	LA65671	860527	9109	102	9106	MUX				
723	M740001	LA65910	900831	9109	201A	9106	MUX				
724	M740001	LA83557	880907	9109	112	9106	MUX				
725	M740001	LA84829	931001	9109	LOBY	9106	MUX				
726	M740001	LA86688	880727	9109	106	9106	MUX				
727	M740001	GD66106	931005	9109	204	9109	204B	9704-2	MUX		
728	M740001	AGD0194	880303	9109	105	9702	MUX				
729	M740001	AGD2272	931005	9109	204	9702	MUX				
730	M740001	LA00460	920205	9109	LOBY	9702	MUX				
731	M740001	LA05775	931001	9109	204	9702	MUX				
732	M740001	LA14170	930610	9109	117	9702	MUX				
733	M740001	LA26515	931001	9109	204	9702	MUX				
734	M740001	LA83834	931019	9109	204	9702	MUX				
735	M740001	LA85283	880727	9109	L00A	9702	MUX				
736	M740001	GD69408	890726	9109	202A	9704-2	MUX	9109	202B		
737	M740001	LA66236	861020	9110	206	9106	MUX				
738	M740001	LA11122	910213	9110	216	9702	MUX				
739	M740001	LA11266	910429	9110	215	9702	MUX				
740	M740001	LA23124	920709	9110	212	9702	MUX				
741	M740001	LA24171	920428	9110	206	9702	MUX				
742	M740001	LA27151	920729	9110	214	9702	MUX				

	A	B	C	D	E	F	G	H	I	J	K
1	Main Acct.	Line Number	Active Date	Building 1	Room 1	Building 2	Room 2	Building 3	Room 3	Building 4	Room 4
743	M740001	LA27271	920428	9110	204	9702	MUX				
744	M740001	LA83831	890804	9110	105	9702	MUX				
745	M740001	LA94957	890314	9110	219	9702	MUX				
746	M740001	LA96780	890323	9110	211	9702	MUX				
747	M740001	LA90765	891025	9110	119	9704-2	MUX				
748	M740001	AGD3656	841030	9111	226W	9112	MUX				
749	M740001	LA96778	900108	9111	230W	9112	MUX				
750	M740001	LA80117	890804	9111	229W	9702	MUX				
751	M740001	LA81948	880727	9111	116W	9702	MUX				
752	M740001	LA90235	890407	9111	220W	9702	MUX				
753	M740001	LA87262	880118	9112	MUX	9103	129				
754	M740001	AGD0031	840817	9112	124E	9111	217W				
755	M740001	AGD0241	840817	9112	124E	9111	103W				
756	M740001	AGD0753	840817	9112	124E	9111	203W				
757	M740001	AGD0782	840817	9112	124E	9111	104W				
758	M740001	AGD3535	840817	9112	124E	9111	207W				
759	M740001	AGD3546	840817	9112	124E	9111	204W				
760	M740001	AGD3645	840817	9112	124E	9111	220W				
761	M740001	AGD4004	840817	9112	124E	9111	205W				
762	M740001	AGD4053	840817	9112	124E	9111	210W				
763	M740001	AGD4258	840817	9112	124E	9111	218E				
764	M740001	AGD4874	840817	9112	124E	9111	213W				
765	M740001	AGD4977	840817	9112	124E	9111	111W				
766	M740001	AGD5375	840817	9112	124E	9111	102W				
767	M740001	AGD6298	840817	9112	124E	9111	201W				
768	M740001	AGD6904	840817	9112	124E	9111	202W				
769	M740001	AGD7235	840817	9112	124E	9111	103W				
770	M740001	AGD7674	840817	9112	124E	9111	201E				
771	M740001	AGD7952	840817	9112	124E	9111	208W				
772	M740001	AGD8696	840817	9112	124E	9111	200W				
773	M740001	AGD8724	840817	9112	124E	9111	215W				
774	M740001	AGD8969	840817	9112	124E	9111	220W				
775	M740001	GD10035	841029	9112	124E	9111	101				
776	M740001	GD10371	850416	9112	124E	9111	109				
777	M740001	GD11169	850416	9112	124E	9111	117				
778	M740001	GD11438	841030	9112	124E	9111	119				
779	M740001	GD11893	850416	9112	124E	9111	122				
780	M740001	GD11910	841030	9112	124E	9111	212				
781	M740001	GD12053	850416	9112	124E	9111	108				

	A	B	C	D	E	F	G	H	I	J	K
1	Main Acct.	Line Number	Active Date	Building 1	Room 1	Building 2	Room 2	Building 3	Room 3	Building 4	Room 4
782	M740001	GD12649	841030	9112	124E	9111	221				
783	M740001	GD12912	841030	9112	124E	9111	113				
784	M740001	GD13265	841030	9112	124E	9111	214				
785	M740001	GD13294	850820	9112	MUX	9111	105W				
786	M740001	GD13500	841030	9112	124E	9111	220				
787	M740001	GD14185	841030	9112	124E	9111	222				
788	M740001	GD14612	841030	9112	124E	9111	120				
789	M740001	GD14679	850416	9112	124E	9111	123				
790	M740001	GD14922	841029	9112	124E	9111	100				
791	M740001	GD15685	841029	9112	124E	9111	106				
792	M740001	GD15805	841030	9112	124E	9111	211				
793	M740001	GD16794	841102	9112	124E	9111	112W				
794	M740001	GD16984	841029	9112	124E	9111	105				
795	M740001	GD18277	841030	9112	124E	9111	216				
796	M740001	GD18376	850419	9112	124E	9111	118				
797	M740001	GD18592	841031	9112	124E	9111	225				
798	M740001	GD18676	841029	9112	124E	9111	107				
799	M740001	GD18750	850416	9112	124E	9111	121				
800	M740001	GD19506	841030	9112	124E	9111	206				
801	M740001	GD19591	841030	9112	124E	9111	110				
802	M740001	GD19736	841030	9112	124E	9111	209				
803	M740001	GD13349	861202	9112	MUX	9215	12				
804	M740001	LA79048	890802	9112	228E	9702	MUX				
805	M740001	LA96533	890413	9112	230E	9702	MUX				
806	M740001	LA74279	870430	9113	MUXW	9103	129D				
807	M740001	LA77914	870430	9113	MUXE	9103	129D				
808	M740001	LA00614	901018	9113	207	9983	4				
809	M740001	LA24564	921124	9114	1714	9702	MUX				
810	M740001	LA92928	890411	9115	MUX	9116	MUX				
811	M740001	LA98288	890411	9115	MUX	9116	MUX				
812	M740001	LA72962	880702	9116	138	9103	129D				
813	M740001	LA97038	890413	9116	MUX	9115	MUX				
814	M740001	AGH0004	920622	9117	140	1000	1FLR				
815	M740001	LA17930	910318	9117	129	9103	129				
816	M740001	LA21552	920511	9117	133D	9103	129F				
817	M740001	LA23343	920511	9117	133D	9103	129F				
818	M740001	LA37975	930923	9117	140	9103	129				
819	M740001	LA89158	880702	9117	MUX	9103	ADD				
820	M740001	LA06397	900111	9117	141	9107	109				

	A	B	C	D	E	F	G	H	I	J	K
1	Main Acct.	Line Number	Active Date	Building 1	Room 1	Building 2	Room 2	Building 3	Room 3	Building 4	Room 4
821	M740001	LA32453	931105	9117	133D	9702	MUX				
822	M740001	LA37498	931105	9117	133D	9702	MUX				
823	M740001	LA89944	880308	9117	MUX	9702	MUX				
824	M740001	LA12794	910703	9117	CTRL	9709	105				
825	M740001	LA13355	910702	9117	CTRL	9739	MUX				
826	M740001	LA13739	910702	9117	CTRL	9996	MUX				
827	M740001	LA30301	930923	9117	140	9204-2E	101				
828	M740001	LA38441	930825	9117	140	9204-2E	101				
829	M740001	LA39170	930826	9117	140	9204-2E	101				
830	M740001	LA19349	910429	9117	CTRL	9704-2	131A				
831	M740001	LA12000	910429	9117	CTRL	9723-14	MUX				
832	M740001	LA93683	901108	9117	140	9733-2	2018				
833	M740001	DHD3359	910419	9117	140	EBASCO	300				
834	M740001	DHD0079	921103	9117	140	K-1007	COMP				
835	M740001	LA10779	910506	9119	CLOT	9103	129				
836	M740001	LA13214	910506	9119	CL 3	9103	129				
837	M740001	LA15391	910506	9119	TEL	9103	129				
838	M740001	LA15823	910506	9119	CL 1	9103	129				
839	M740001	LA18130	920521	9119	CLO	9117	129				
840	M740001	LA64172	880308	9202	M157	9702	MUX				
841	M740001	LA85890	880111	9202	127	9702	MUX				
842	M740001	LA86526	881004	9202	227	9702	MUX				
843	M740001	AGD3544	850213	9203	215	9202	309				
844	M740001	AGD1444	820913	9203	201	9203-A	202	9704-1	1		
845	M740001	LA11412	930213	9203	215	9204-2E	COMP				
846	M740001	LA11036	910410	9206	30	9702	MUX				
847	M740001	LA25879	920415	9206	003A	9702	MUX				
848	M740001	LA35896	930825	9206	17	9702	MUX				
849	M740001	LA82850	880702	9206	7	9702	MUX				
850	M740001	LA82901	880702	9206	7	9702	MUX				
851	M740001	LA85344	880308	9206	7	9702	MUX				
852	M740001	LA86950	880927	9206	10	9702	MUX				
853	M740001	LA87010	930708	9206	6	9702	MUX				
854	M740001	LA89132	880718	9206	MAIN	9702	MUX				
855	M740001	LA90600	890428	9206	002B	9702	MUX				
856	M740001	LA91271	920623	9206	007D	9766	MUX				
857	M740001	LA77724	870424	9207	MUX	9103	129D				
858	M740001	GD96534	910325	9207	262	9213	213	9702	MUX		
859	M740001	AGD2254	831029	9207	4009	9220	1006				

	A	B	C	D	E	F	G	H	I	J	K
1	Main Acct.	Line Number	Active Date	Building 1	Room 1	Building 2	Room 2	Building 3	Room 3	Building 4	Room 4
860	M740001	AGD2972	880913	9207	31	9702	MUX	9211	1032		
861	M740001	LA10626	910328	9207	252	9702	MUX				
862	M740001	LA12949	920901	9207	304	9702	MUX				
863	M740001	LA13308	910225	9207	348	9702	MUX				
864	M740001	LA13819	910328	9207	250	9702	MUX				
865	M740001	LA14235	910322	9207	263	9702	MUX				
866	M740001	LA14403	911005	9207	7301	9702	MUX				
867	M740001	LA14611	910328	9207	252A	9702	MUX				
868	M740001	LA14662	920901	9207	301	9702	MUX				
869	M740001	LA14722	910225	9207	319	9702	MUX				
870	M740001	LA16577	910328	9207	28	9702	MUX				
871	M740001	LA16841	910225	9207	301	9702	355				
872	M740001	LA17121	910225	9207	301	9702	355				
873	M740001	LA18549	910225	9207	306	9702	355				
874	M740001	LA20716	920129	9207	7201	9702	MUX				
875	M740001	LA21943	920825	9207	7318	9702	MUX				
876	M740001	LA23512	920826	9207	7306	9702	MUX				
877	M740001	LA24268	920825	9207	2501	9702	MUX				
878	M740001	LA24512	920129	9207	7201	9702	MUX				
879	M740001	LA25170	920129	9207	7201	9702	MUX				
880	M740001	LA26668	920825	9207	7306	9702	MUX				
881	M740001	LA28925	920129	9207	7201	9702	MUX				
882	M740001	LA29340	920129	9207	7201	9702	MUX				
883	M740001	LA29426	920129	9207	7201	9702	MUX				
884	M740001	LA39045	930810	9207	117	9702	MUX				
885	M740001	LA73193	900501	9207	MUX	9702	MUX				
886	M740001	AGD3557	880419	9208	8111	9212	A002				
887	M740001	LA93954	890324	9208	15-Aug	9702	MUX				
888	M740001	LA97132	890324	9208	15-Aug	9702	MUX				
889	M740001	LA98755	890324	9208	15-Aug	9702	MUX				
890	M740001	LA61172	880509	9208	8111	9704-2	MUX				
891	M740001	AGD2246	921009	9211	1030	9207	MUX				
892	M740001	AGD3759	830928	9211	4002	9207	7301				
893	M740001	GDP2245	921013	9211	1013	9207	MUX				
894	M740001	LA70312	870911	9211	4041	9207	MUX				
895	M740001	LA71474	870911	9211	4041	9207	MUX				
896	M740001	AGD2240	880414	9211	1011	9702	MUX				
897	M740001	AGD3809	831207	9211	4002	9704-1	COMP				
898	M740001	LA04692	901211	9211	2034	9704-1	MUX				

	A	B	C	D	E	F	G	H	I	J	K
1	Main Acct.	Line Number	Active Date	Building 1	Room 1	Building 2	Room 2	Building 3	Room 3	Building 4	Room 4
899	M740001	AGD1024	881107	9212	3	9212	3	9213	003A	9996	MUX
900	M740001	AGD1589	881107	9212	50	9212	9	9996	MUX		
901	M740001	AGD1598	881107	9212	51	9212	53	9996	MUX		
902	M740001	AGD1599	920414	9212	MACH	9212	9	9996	MUX	9996	MUX
903	M740001	LA12556	911017	9212	AWNG	9702	MUX				
904	M740001	LA12753	910523	9212	30	9702	MUX				
905	M740001	LA16251	910624	9212	118	9702	MUX				
906	M740001	LA16628	910624	9212	103	9702	MUX				
907	M740001	LA17348	910621	9212	102	9702	MUX				
908	M740001	LA26869	920513	9212	2	9702	MUX				
909	M740001	LA34104	930823	9212	28	9702	MUX				
910	M740001	LA78160	881025	9212	019A	9702	MUX				
911	M740001	LA88229	880125	9212	49	9702	MUX				
912	M740001	AGD1030	881108	9212	14	9996	MUX				
913	M740001	AGD1186	881107	9212	1	9996	MUX				
914	M740001	AGD1187	930104	9212	9-N	9996	MUX				
915	M740001	AGD1445	881107	9212	13	9996	MUX				
916	M740001	AGD1588	931015	9212	010B	9996	MUX	9212	10A		
917	M740001	AGD1597	900127	9212	WING	9996	MUX				
918	M740001	AGD1603	881107	9212	48	9996	MUX				
919	M740001	AGD1607	881107	9212	B W.	9996	MUX	9212			
920	M740001	AGD1647	911205	9212	18	9996	MUX				
921	M740001	AGD2228	890317	9212	17	9996	MUX				
922	M740001	GD13920	900618	9212	36	9996	MUX				
923	M740001	GD14315	900618	9212	12	9996	MUX				
924	M740001	GD14832	900618	9212	15	9996	MUX				
925	M740001	GD16134	900618	9212	30	9996	MUX				
926	M740001	GD17041	900625	9212	019A	9996	MUX				
927	M740001	GD17640	930113	9212	128	9996	MUXX				
928	M740001	GD18508	900618	9212	1103	9996	MUX				
929	M740001	GD19183	890103	9212	11	9996	MUX				
930	M740001	GD80165	900618	9212	1	9996	MUX	9212	001A		
931	M740001	LA00573	900703	9212	3	9996	MUX				
932	M740001	LA00874	910117	9212	MAA	9996	MUX				
933	M740001	LA01746	900703	9212	17	9996	MUX				
934	M740001	LA04634	900703	9212	SHOP	9996	MUX				
935	M740001	LA05865	930120	9212	VAUT	9996	MUX				
936	M740001	LA06561	930507	9212	MEZZ	9996	MUX				
937	M740001	LA06892	930506	9212	128	9996	MUX				

	A	B	C	D	E	F	G	H	I	J	K
1	Main Acct.	Line Number	Active Date	Building 1	Room 1	Building 2	Room 2	Building 3	Room 3	Building 4	Room 4
938	M740001	LA08411	901016	9212	EWNG	9996	MUX				
939	M740001	LA09824	901018	9212	31	9996	MUX				
940	M740001	LA10831	900618	9212	1103	9996	MUX				
941	M740001	LA15142	900703	9212	019B	9996	MUX				
942	M740001	LA18487	890902	9212	28	9996	MUX				
943	M740001	LA19286	890902	9212	27	9996	MUX				
944	M740001	LA19728	891011	9212	SHOP	9996	MUX				
945	M740001	LA20114	920401	9212	51	9996	MUX				
946	M740001	LA20481	930308	9212	36-N	9996	MUX				
947	M740001	LA33453	930722	9212	036S	9996	MUX				
948	M740001	LA34114	931020	9212	42	9996	MUX				
949	M740001	LA37162	930330	9212	56	9996	MUX				
950	M740001	LA37369	930722	9212	1034	9996	MUX				
951	M740001	LA67045	881031	9212	3	9996	MUX				
952	M740001	LA72054	881031	9212	5	9996	MUX				
953	M740001	LA72981	930113	9212	128	9996	MUX				
954	M740001	LA74054	881025	9212	118	9996	MUX				
955	M740001	LA78921	881031	9212	27	9996	MUX				
956	M740001	LA79766	900618	9212	019C	9996	MUX				
957	M740001	LA80044	930702	9212	126	9996	MUX				
958	M740001	LA80053	890117	9212	MAA	9996	MUX				
959	M740001	LA80599	930520	9212	50	9996	MUX				
960	M740001	LA80627	890123	9212	B-1Z	9996	MUX				
961	M740001	LA80964	900618	9212	GAGE	9996	MUX				
962	M740001	LA81041	881101	9212	4	9996	MUX				
963	M740001	LA81755	881101	9212	2	9996	MUX				
964	M740001	LA81875	890214	9212	54	9996	MUX				
965	M740001	LA82473	890215	9212	201	9996	MUX				
966	M740001	LA82743	890117	9212	1106	9996	MUX				
967	M740001	LA83179	910124	9212	1038	9996	MUX				
968	M740001	LA84217	900628	9212	002B	9996	MUX				
969	M740001	LA84368	890127	9212	5	9996	MUX				
970	M740001	LA84412	881201	9212	34	9996	MUX				
971	M740001	LA84632	921118	9212	GAGE	9996	MUX				
972	M740001	LA84880	881201	9212	34	9996	MUX				
973	M740001	LA85540	890126	9212	SHOP	9996	MUX				
974	M740001	LA86133	890117	9212	MAA	9996	MUX				
975	M740001	LA86161	881101	9212	2	9996	MUX				
976	M740001	LA86727	890117	9212		9996	MUX				

	A	B	C	D	E	F	G	H	I	J	K
1	Main Acct.	Line Number	Active Date	Building 1	Room 1	Building 2	Room 2	Building 3	Room 3	Building 4	Room 4
977	M740001	LA87341	900404	9212	CTRL	9996	MUX				
978	M740001	LA87777	890117	9212	37	9996	MUX				
979	M740001	LA88357	890117	9212	MANT	9996	MUX				
980	M740001	LA88906	890117	9212	1035	9996	MUX				
981	M740001	LA89231	890123	9212	B-1Z	9996	MUX				
982	M740001	LA89372	930202	9212	129	9996	MUX				
983	M740001	GDP2230	900712	9212	10	9204-2	MUX				
984	M740001	GD14827	890921	9215	201	9106	MUX				
985	M740001	GD15518	931207	9215	BCS1	9106	MUX				
986	M740001	GD15688	850430	9215	3	9106	MUX				
987	M740001	GD16054	850430	9215	5	9106	MUX				
988	M740001	GD18154	850430	9215	2	9106	MUX				
989	M740001	LA64430	861205	9215	B001	9106	MUX				
990	M740001	GD11356	920117	9215	9	9112	MUX				
991	M740001	GD11281	890606	9215	7	9702	MUX				
992	M740001	LA03300	900719	9215	OWIN	9702	MUX				
993	M740001	LA08436	930609	9215	5	9702	MUX				
994	M740001	LA10932	911021	9215	104	9702	MUX				
995	M740001	LA18741	920203	9215	1	9702	MUX				
996	M740001	LA20471	920225	9215	OFC	9702	MUX				
997	M740001	LA29031	920225	9215	OFC	9702	MUX				
998	M740001	LA34988	930827	9215	B006	9702	MUX				
999	M740001	LA39886	930826	9215	B001	9702	MUX				
1000	M740001	LA80309	890906	9215	7	9702	MUX				
1001	M740001	LA81966	890922	9215	121	9702	MUX				
1002	M740001	LA82490	880713	9215	3	9702	MUX				
1003	M740001	LA82644	930304	9215	2	9702	MUX				
1004	M740001	LA84828	890906	9215	MEZZ	9702	MUX				
1005	M740001	LA86191	881006	9215	3	9702	MUX				
1006	M740001	LA87046	910122	9215	OFFC	9702	MUX				
1007	M740001	LA88269	890906	9215	6	9702	MUX				
1008	M740001	LA89748	890308	9215	DISP	9702	MUX				
1009	M740001	LA96649	900110	9215	MACH	9702	MUX				
1010	M740001	LA82892	890124	9215	11	9996	MUX				
1011	M740001	LA86268	890125	9215	DISP	9996	32				
1012	M740001	LA05498	901026	9215	MWNG	9723-14	MUX				
1013	M740001	LA10514	910509	9219		9702	MUX				
1014	M740001	LA11393	910815	9219	2	9702	MUX				
1015	M740001	LA11420	910509	9219		9702	MUX				

	A	B	C	D	E	F	G	H	I	J	K
1	Main Acct.	Line Number	Active Date	Building 1	Room 1	Building 2	Room 2	Building 3	Room 3	Building 4	Room 4
1016	M740001	LA14077	910816	9219	3	9702	MUX				
1017	M740001	AGD2432	871005	9224	102	4500	F004				
1018	M740001	AGD2433	871007	9224	102	4500	F004				
1019	M740001	AGD2434	871007	9224	102	4500	F004				
1020	M740001	LA69203	921210	9224	101	9702	MUX				
1021	M740001	AGD4655	871007	9224	102	4500-N	F004				
1022	M740001	LA12224	910308	9423	OFFC	9702	MUX				
1023	M740001	LA09632	900605	9423	OFFC	9996	MUX				
1024	M740001	LA61612	900226	9423	MAIN	9704-1	MUX				
1025	M740001	LA10028	910514	9610	OFFC	9702	MUX				
1026	M740001	GD13363	850610	9623	2FLR	9702	MUX				
1027	M740001	GD09948	901011	9626	1405	9106	MUXX				
1028	M740001	LA15922	910904	9626	SFTY	9702	MUX				
1029	M740001	LA39305	930517	9626	1022	9702	MUX				
1030	M740001	LA98249	910826	9626	SCTY	9702	MUX				
1031	M740001	AGD0579	920129	9702	MUX	9102	105				
1032	M740001	LA04193	910802	9702	MUX	9103	AB15				
1033	M740001	LA14073	910816	9702	MUX	9103	129				
1034	M740001	LA17639	910816	9702	MUX	9103	129				
1035	M740001	AGD1196	920121	9702	MUX	9106	132	9704-1	1		
1036	M740001	GD16400	841105	9702	MUX	9106	3				
1037	M740001	LA00653	911230	9702	MUX	9106	18				
1038	M740001	LA03968	920129	9702	MUX	9106	36-A				
1039	M740001	LA68180	920129	9702	MUX	9106	31				
1040	M740001	LA69071	911230	9702	MUX	9106	1				
1041	M740001	LA76617	931123	9702	MUX	9106	14				
1042	M740001	LA74390	911230	9702	MUX	9108	102				
1043	M740001	LA76368	911230	9702	MUX	9108	111B				
1044	M740001	AGD2199	860620	9702	MUX	9109	109				
1045	M740001	AGD2200	850918	9702	MUX	9109	201				
1046	M740001	AGD2274	850329	9702	MUX	9109	106				
1047	M740001	AGD2276	860612	9702	MUX	9109	107				
1048	M740001	AGD2279	850329	9702	MUX	9109	103				
1049	M740001	LA73828	911230	9702	MUX	9109	106				
1050	M740001	AGD1442	920121	9702	MUX	9110	120				
1051	M740001	AGD1201	920121	9702	MUX	9202	203				
1052	M740001	AGD2220	830304	9702	MUX	9202	207				
1053	M740001	AGD2221	850701	9702	MUX	9203	CONF				
1054	M740001	LA86065	920121	9702	MUX	9203	227				

	A	B	C	D	E	F	G	H	I	J	K
1	Main Acct.	Line Number	Active Date	Building 1	Room 1	Building 2	Room 2	Building 3	Room 3	Building 4	Room 4
1055	M740001	GD13229	920121	9702	MUX	9206	2				
1056	M740001	GD17166	920121	9702	MUX	9206	001A				
1057	M740001	LA06796	920406	9702	MUX	9206	11				
1058	M740001	LA11433	920129	9702	MUX	9206	2				
1059	M740001	LA83912	920121	9702	MUX	9206	4				
1060	M740001	LA84770	920121	9702	MUX	9206	4				
1061	M740001	LA07671	911230	9702	MUX	9207	7319				
1062	M740001	AGD3614	911216	9702	MUX	9208	121				
1063	M740001	LA71191	911230	9702	MUX	9208	8120				
1064	M740001	AGD2237	830310	9702	MUX	9210	147				
1065	M740001	AGD2984	831006	9702	MUX	9210	234C				
1066	M740001	AGD3705	911216	9702	MUX	9210	222				
1067	M740001	AGD4751	911216	9702	MUX	9210	222				
1068	M740001	AGD2239	830312	9702	MUX	9211	1008				
1069	M740001	AGD2241	830312	9702	MUX	9211	2022				
1070	M740001	AGD2242	830312	9702	MUX	9211	2022				
1071	M740001	AGD2973	831006	9702	MUX	9211	1043				
1072	M740001	LA10144	851218	9702	MUX	9212	1102				
1073	M740001	AGD1183	920123	9702	MUX	9215	7				
1074	M740001	AGD1602	920129	9702	MUX	9215	9	9215	SHOP		
1075	M740001	AGD2202	861202	9702	MUX	9215	12	9215	TERM		
1076	M740001	LA02353	911230	9702	MUX	9215	202				
1077	M740001	LA09235	911230	9702	MUX	9215	PWNG				
1078	M740001	LA15474	911230	9702	MUX	9215	5				
1079	M740001	LA17708	920102	9702	MUX	9215	2				
1080	M740001	LA80365	920121	9702	MUX	9215	1				
1081	M740001	LA82723	920119	9702	MUX	9215	7				
1082	M740001	LA86426	920121	9702	MUX	9215	3				
1083	M740001	LA88869	920121	9702	MUX	9215	4				
1084	M740001	AGD2253	831029	9702	MUX	9220	1006				
1085	M740001	LA04811	920102	9702	MUX	9423	OFFC				
1086	M740001	LA81781	911230	9702	MUX	9626	AREA				
1087	M740001	LA18654	860116	9702	MUX	9709	WARE				
1088	M740001	LA03865	911230	9702	MUX	9712	MUX				
1089	M740001	LA81254	920129	9702	MUX	9712	GAR				
1090	M740001	AGD2724	920121	9702	MUX	9731	101				
1091	M740001	LA92922	920406	9702	MUX	9734	106				
1092	M740001	GD19052	850726	9702		9737	21				
1093	M740001	AGD3630	911216	9702	MUX	9764	14				

	A	B	C	D	E	F	G	H	I	J	K
1	Main Acct.	Line Number	Active Date	Building 1	Room 1	Building 2	Room 2	Building 3	Room 3	Building 4	Room 4
1094	M740001	LA13004	911016	9702	MUX	9769	MUX				
1095	M740001	LA76797	911230	9702	MUX	9769	320B				
1096	M740001	LA15060	860207	9702	MUX	9983	1				
1097	M740001	LA00971	930722	9702	MUX	9995	142				
1098	M740001	LA03442	930716	9702	MUX	9995	142				
1099	M740001	LA06035	930716	9702	MUX	9995	142				
1100	M740001	LA07861	930722	9702	MUX	9995	142				
1101	M740001	AGD2215	881102	9702	MUX	9996	MUX				
1102	M740001	LA10119	881109	9702	MUX	9996	MUX				
1103	M740001	GD23401	930106	9702	MUX	1009COM	511				
1104	M740001	AGD1002	920107	9702	MUX	9102-2	103				
1105	M740001	AGD1435	920129	9702	MUX	9102-2	118				
1106	M740001	AGD1436	920129	9702	MUX	9102-2	207				
1107	M740001	AGD3675	911216	9702	MUX	9102-2	116				
1108	M740001	AGD3753	920121	9702	MUX	9104-2	12				
1109	M740001	AGD1590	920129	9702	MUX	9201-1	207	97041	1		
1110	M740001	AGD1591	920129	9702	MUX	9201-1	AREA				
1111	M740001	AGD1604	920129	9702	MUX	9201-1	212				
1112	M740001	AGD1605	920129	9702	MUX	9201-1	204				
1113	M740001	AGD2196	830312	9702	MUX	9201-1					
1114	M740001	AGD2213	860304	9702	MUX	9201-1	SHOP	9201-1	SHOP		
1115	M740001	AGD2214	840717	9702	204	9201-1	4				
1116	M740001	LA67774	911230	9702	MUX	9201-1	209				
1117	M740001	LA70843	911230	9702	MUX	9201-1	219				
1118	M740001	LA79852	911230	9702	MUX	9201-1	2				
1119	M740001	LA80430	931213	9702	MUX	9201-1	210				
1120	M740001	LA80672	911230	9702	MUX	9201-1	SHOP				
1121	M740001	LA82619	920129	9702	MUX	9201-1	WELD				
1122	M740001	LA83617	920129	9702	MUX	9201-1	SHOP				
1123	M740001	LA87143	920129	9702	MUX	9201-1	203				
1124	M740001	LA89983	920129	9702	MUX	9201-1	208				
1125	M740001	LA92932	920121	9702	MUX	9201-1	MAIN				
1126	M740001	LA81754	911230	9702	MUX	9201-2	139				
1127	M740001	LA95481	920121	9702	MUX	9201-2	132				
1128	M740001	LA96149	920129	9702	MUX	9201-2	155				
1129	M740001	AGD0581	920109	9702	MUX	9201-3	364				
1130	M740001	AGD2985	850118	9702	MUX	9201-3	387				
1131	M740001	AGD3461	831011	9702	MUX	9201-3	319				
1132	M740001	AGD3509	831011	9702	MUX	9201-3	313B				

	A	B	C	D	E	F	G	H	I	J	K
1	Main Acct.	Line Number	Active Date	Building 1	Room 1	Building 2	Room 2	Building 3	Room 3	Building 4	Room 4
1133	M740001	AGD3514	831011	9702	MUX	9201-3	317				
1134	M740001	AGD3524	831011	9702	MUX	9201-3	316				
1135	M740001	AGD3616	911216	9702	MUX	9201-3	118				
1136	M740001	AGD3644	920110	9702	MUX	9201-3	351				
1137	M740001	AGD3679	911216	9702	MUX	9201-3	173				
1138	M740001	AGD3682	911216	9702	MUX	9201-3	109				
1139	M740001	LA16662	910408	9702	MUX	9201-3	FLR3				
1140	M740001	LA67286	911230	9702	MUX	9201-3	109A				
1141	M740001	LA88936	911230	9702	MUX	9201-3	162E				
1142	M740001	LA89192	920121	9702	MUX	9201-3	186				
1143	M740001	GD12658	850717	9702	MUX	9201-4	212A				
1144	M740001	GD16069	920109	9702	MUX	9201-5	907				
1145	M740001	AGD1440	910821	9702	MUX	9201-5N	203				
1146	M740001	GD19069	920121	9702	MUX	9201-5N	209				
1147	M740001	GD19726	920110	9702	MUX	9201-5N	137A				
1148	M740001	LA66445	930728	9702	MUX	9201-5N	229				
1149	M740001	LA83373	931103	9702	MUX	9201-5N	217				
1150	M740001	GD15104	850625	9702	MUX	9201-5W	A1				
1151	M740001	GD17817	850731	9702		9201-5W	228				
1152	M740001	LA96153	911230	9702	MUX	9201-5W	204				
1153	M740001	LA98931	911230	9702	MUX	9201-5W	204				
1154	M740001	LA18798	920409	9702	MUX	9204-1	213				
1155	M740001	LA88002	911230	9702	MUX	9204-1	121A				
1156	M740001	LA00039	920501	9702	MUX	9204-2	272				
1157	M740001	LA06192	920407	9702	MUX	9204-2	268				
1158	M740001	LA06425	920501	9702	MUX	9204-2	LNCH				
1159	M740001	LA07222	920406	9702	MUX	9204-2	CL23				
1160	M740001	DHD3125	910813	9702	MUX	9204-2E	COMP				
1161	M740001	LA00606	920501	9702	MUX	9204-2E	310				
1162	M740001	LA83206	920121	9702	MUX	9204-3	157				
1163	M740001	AGD1189	920121	9702	MUX	9204-4	25				
1164	M740001	AGD1193	910821	9702	MUX	9215-A	11				
1165	M740001	GD83999	920129	9702	MUX	9215-A	4	9704-1	MUX		
1166	M740001	AGD1182	920121	9702	MUX	9401-2	AREA				
1167	M740001	LA70087	911118	9702	MUX	9404-20	OFFC				
1168	M740001	LA96110	920406	9702	MUX	9404-9	REM				
1169	M740001	AGD3381	841016	9702	JACK	9704-1	30				
1170	M740001	AGD4276	841016	9702	JACK	9704-1	26				
1171	M740001	AGD5599	841016	9702	JACK	9704-1	31				

	A	B	C	D	E	F	G	H	I	J	K
1	Main Acct.	Line Number	Active Date	Building 1	Room 1	Building 2	Room 2	Building 3	Room 3	Building 4	Room 4
1172	M740001	AGD1012	920110	9702	MUX	9704-2	105				
1173	M740001	AGD3621	920114	9702	MUX	9704-2	151				
1174	M740001	AGD3624	911216	9702	MUX	9704-2	177				
1175	M740001	AGD3634	920118	9702	MUX	9704-2	263	9704-2	262		
1176	M740001	AGD3643	920121	9702	MUX	9704-2	136				
1177	M740001	AGD3815	920122	9702	MUX	9704-2	172				
1178	M740001	AGD6351	920121	9702	MUX	9704-2	263				
1179	M740001	GD12802	920121	9702	MUX	9704-2	189				
1180	M740001	GD13691	920121	9702	MUX	9704-2	VAUL				
1181	M740001	GDP2712	920121	9702	MUX	9704-2	224				
1182	M740001	LA89303	920121	9702	MUX	9704-2	174				
1183	M740001	AGD1653	920129	9702	MUX	9706-1	1				
1184	M740001	AGD3642	911216	9702	MUX	9706-1	107				
1185	M740001	GD11751	920121	9702	MUX	9706-1	TIME				
1186	M740001	LA74534	911230	9702	MUX	9706-1	110A				
1187	M740001	LA78729	920129	9702	MUX	9706-1	1				
1188	M740001	LA80550	920121	9702	MUX	9706-1	101				
1189	M740001	LA85734	911230	9702	MUX	9706-1	108				
1190	M740001	AGD2203	830315	9702	MUX	9706-1A	154				
1191	M740001	LA60800	911230	9702	MUX	9706-1A	158				
1192	M740001	LA61398	911230	9702	MUX	9706-1A	154				
1193	M740001	LA69011	911230	9702	MUX	9706-1A	160A				
1194	M740001	AGD2216	830304	9702	MUX	9710-2					
1195	M740001	AGD2726	920121	9702	MUX	9710-2	106				
1196	M740001	GD17783	920109	9702	MUX	9710-2	103				
1197	M740001	LA14701	860224	9702	MUX	9710-2	124				
1198	M740001	LA70732	911230	9702	MUX	9710-2	106				
1199	M740001	AGD0215	840203	9702	MUX	9711-1					
1200	M740001	AGD0216	850208	9702	MUX	9711-1	SW				
1201	M740001	AGD1179	920121	9702	MUX	9711-1	14				
1202	M740001	AGD1606	920129	9702	MUX	9711-1	22				
1203	M740001	AGD1652	920129	9702	MUX	9711-1	AREA				
1204	M740001	LA05646	911230	9702	MUX	9711-1	23				
1205	M740001	LA11648	920121	9702	MUX	9711-1	CNTR				
1206	M740001	LA14228	920129	9702	MUX	9711-1	2				
1207	M740001	LA60401	911230	9702	MUX	9711-1	4				
1208	M740001	LA69898	911230	9702	MUX	9711-1	WBCA				
1209	M740001	LA73414	911230	9702	MUX	9711-1	17				
1210	M740001	LA73945	911230	9702	MUX	9711-1	16				

	A	B	C	D	E	F	G	H	I	J	K
1	Main Acct.	Line Number	Active Date	Building 1	Room 1	Building 2	Room 2	Building 3	Room 3	Building 4	Room 4
1211	M740001	LA74261	911230	9702	MUX	9711-1	20				
1212	M740001	AGD0221	840201	9702	MUX	9720-3	H002				
1213	M740001	LA13851	910416	9702	MUX	9720-5	MUX				
1214	M740001	LA18855	911016	9702	MUX	9720-8	MUX				
1215	M740001	GD14831	920121	9702	MUX	9723-24	OFC				
1216	M740001	LA72176	911218	9702	MUX	9727-4	CA-1				
1217	M740001	LA04167	911230	9702	MUX	9733-1	FAN				
1218	M740001	AGD3659	920121	9702	MUX	9733-2	227				
1219	M740001	AGD3664	911219	9702	MUX	9733-3	311C				
1220	M740001	GD12068	911216	9702	MUX	9733-3	309C				
1221	M740001	GD12549	911219	9702	MUX	9733-3	309A				
1222	M740001	GD16234	920127	9702	MUX	9733-3	305				
1223	M740001	GDP1644	920129	9702	MUX	9733-3	230	9720-8	COMP		
1224	M740001	AGD3657	920121	9702	MUX	9733-4	119				
1225	M740001	LA65997	911230	9702	MUX	9767-10	MUX				
1226	M740001	LA62983	911230	9702	MUX	9767-13	1				
1227	M740001	GD14926	920106	9702	MUX	9767-6	CN4				
1228	M740001	LA88198	920129	9702	MUX	9828-6	MUX				
1229	M740001	LA66233	910802	9702	MUX	9983-1	EAST				
1230	M740001	AGD0225	851203	9702	MUX	9983-34		9731	101		
1231	M740001	AGD2717	920129	9702	MUX	9983-37	TRLR				
1232	M740001	LA91688	920121	9702	MUX	9983-55	110				
1233	M740001	LA74904	911230	9702	MUX	9983-78	OFFC				
1234	M740001	LA75787	911230	9702	MUX	9983-86	CNTR				
1235	M740001	LA17943	860210	9702	MUX	S-3POND					
1236	M740001	LA83053	911112	9709	MUX	9201-5	MUX				
1237	M740001	LA11550	910221	9712	GARG	9702	MUX				
1238	M740001	LA11869	910624	9712	OFC	9702	MUX				
1239	M740001	GD07229	900510	9714	111	K-1039	MUX				
1240	M740001	GD10623	910201	9714	120	K-1039	MUX				
1241	M740001	GD16469	910201	9714	113	K-1039	MUX				
1242	M740001	GD17863	910201	9714	109	K-1039	MUX				
1243	M740001	GD85390	910103	9714	114	K-1039	MUX				
1244	M740001	GD93925	890724	9714	110	K-1039	MUX				
1245	M740001	LA28039	921113	9714	125	K-1039	MUX				
1246	M740001	LA69346	860908	9722	OFFC	9702	MUX				
1247	M740001	AGD4366	921009	9728	SUPV	9207	MUX				
1248	M740001	LA23168	930225	9728	LDRY	9702	MUX				
1249	M740001	LA28548	930225	9728	LDRY	9702	MUX				

	A	B	C	D	E	F	G	H	I	J	K
1	Main Acct.	Line Number	Active Date	Building 1	Room 1	Building 2	Room 2	Building 3	Room 3	Building 4	Room 4
1250	M740001	LA84434	880202	9728	OFFC	9702	MUX				
1251	M740001	LA15305	910301	9731	9	9702	MUX				
1252	M740001	LA16047	910823	9731	109	9702	MUX				
1253	M740001	LA21298	920504	9731	1	9702	MUX				
1254	M740001	LA24920	920504	9731	2	9702	MUX				
1255	M740001	LA24973	920504	9731	3	9702	MUX				
1256	M740001	LA61367	890710	9731	106	9702	MUX				
1257	M740001	LA62535	890710	9731	104	9702	MUX				
1258	M740001	LA68980	890710	9731	108	9702	MUX				
1259	M740001	LA67967	861013	9731	4	9739	MUX				
1260	M740001	LA81959	880328	9731	MUX	9766	MUX				
1261	M740001	LA96938	890503	9731	102	9766	MUX				
1262	M740001	LA01694	920330	9734	151	9702	MUX				
1263	M740001	AGD0123	860925	9734	110	9739	MUX				
1264	M740001	AGD0129	860925	9734	120	9739	MUX				
1265	M740001	AGD0137	880810	9734	107	9739	MUX				
1266	M740001	AGD1966	890214	9734	109	9739	MUX				
1267	M740001	AGD4349	880102	9734	103	9739	MUX				
1268	M740001	LA34060	930610	9734	118	9739	MUX				
1269	M740001	LA76055	871029	9734	102	9739	MUX				
1270	M740001	LA92657	920330	9734	151	9739	MUX				
1271	M740001	LA86130	880208	9734	11	9766	MUX				
1272	M740001	LA11448	910219	9735	11	9702	355				
1273	M740001	LA16569	921109	9735	105	9702	355				
1274	M740001	LA18581	910219	9735	18	9702	MUX				
1275	M740001	LA18854	910219	9735	15	9702	355				
1276	M740001	LA32413	931108	9735	17	9702	MUX				
1277	M740001	LA38168	931108	9735	17	9702	MUX				
1278	M740001	LA14035	910627	9736	110	9702	MUX				
1279	M740001	LA72388	890804	9736	RP10	9702	MUX				
1280	M740001	AGD0139	890602	9736	113	9739	MUX				
1281	M740001	AGD0767	890523	9736	RP-8	9739	MUX				
1282	M740001	AGD1170	890602	9736	RP03	9739	MUX				
1283	M740001	AGD1938	890523	9736	RP-5	9739	MUX				
1284	M740001	AGD2645	881228	9736	115	9739	MUX				
1285	M740001	AGD4009	890523	9736	RP-4	9739	MUX				
1286	M740001	AGD8222	890523	9736	RP-6	9739	MUX				
1287	M740001	AGD9924	890523	9736	RP-9	9739	MUX				
1288	M740001	GD11226	890523	9736	RP-7	9739	MUX				

	A	B	C	D	E	F	G	H	I	J	K
1	Main Acct.	Line Number	Active Date	Building 1	Room 1	Building 2	Room 2	Building 3	Room 3	Building 4	Room 4
1289	M740001	AGD0132	891219	9736	S101	9766	MUX				
1290	M740001	AGD3780	861210	9736	MEZZ	K-1007	1003				
1291	M740001	LA15698	911018	9737	MEZZ	9702	MUX				
1292	M740001	LA27983	920527	9737	ASMB	9702	MUX				
1293	M740001	LA72367	870423	9739	MUX	9103	129D				
1294	M740001	GD18606	871201	9739	2	9702	MUX	9764	9		
1295	M740001	LA20937	920730	9739	168	9702	MUX				
1296	M740001	AGD1139	860917	9739	106	9734	101				
1297	M740001	AGD1140	830715	9739	106	9734	101				
1298	M740001	AGD1540	860304	9739	105	9734	108				
1299	M740001	AGD1542	820719	9739	105	9734					
1300	M740001	AGD1545	820719	9739	105	9734	119				
1301	M740001	AGD3833	850306	9739	106	9734	120				
1302	M740001	AGD1955	850829	9739	106	9736	127				
1303	M740001	AGD1956	830303	9739	118	9736	203				
1304	M740001	AGD1957	821213	9739	106	9736	207				
1305	M740001	AGD1958	830303	9739	118	9736	209				
1306	M740001	AGD1959	860304	9739	106	9736	208				
1307	M740001	AGD1960	830331	9739	106	9736	118				
1308	M740001	AGD3846	851112	9739	106	9736	204				
1309	M740001	GD13823	841218	9739	MUX	9736	206				
1310	M740001	GD15058	850912	9739	MUX	9736	208				
1311	M740001	GD15579	841218	9739	MUX	9736	202				
1312	M740001	GD14909	850708	9739	MUX	9764	9				
1313	M740001	GD18975	850708	9739		9764	13				
1314	M740001	AGD0275	860210	9739	106	9766	NEW				
1315	M740001	AGD1076	850401	9739	106	9766	7				
1316	M740001	AGD1077	820310	9739	106	9766	8				
1317	M740001	AGD1550	840103	9739	106	9766	9				
1318	M740001	AGD1968	840103	9739	106	9766	187				
1319	M740001	AGD1975	850614	9739	106	9766	4				
1320	M740001	LA81714	881007	9739	F224	9766	MUX				
1321	M740001	GD11394	850722	9739	MUX	9201-1	304				
1322	M740001	AGD3860	830328	9739	106	9201-4	254A				
1323	M740001	AGD0103	841008	9739	106	9733-1	106				
1324	M740001	AGD0104	831207	9739	106	9733-1	108				
1325	M740001	AGD0107	841008	9739	106	9733-1	116				
1326	M740001	AGD1503	860506	9739	MUX	9733-1	110				
1327	M740001	AGD1943	850125	9739	106	9733-1	203				

	A	B	C	D	E	F	G	H	I	J	K
1	Main Acct.	Line Number	Active Date	Building 1	Room 1	Building 2	Room 2	Building 3	Room 3	Building 4	Room 4
1328	M740001	AGD1962	841008	9739	106	9733-1	127				
1329	M740001	LA13603	851202	9739	MUX	9733-1	111B				
1330	M740001	AGD0110	840125	9739	106	9733-2	206				
1331	M740001	AGD0111	831207	9739	106	9733-2	211				
1332	M740001	AGD0112	831207	9739	106	9733-2	218				
1333	M740001	AGD1942	821213	9739	106	9733-2	223				
1334	M740001	AGD2890	831010	9739	105	9733-2	202				
1335	M740001	AGD3850	821118	9739	106	9733-2	205				
1336	M740001	AGD3851	821129	9739	106	9733-2	205				
1337	M740001	AGD3855	830113	9739	106	9733-2	204				
1338	M740001	AGD3856	820702	9739	106	9733-2	220				
1339	M740001	GD12423	841218	9739	MUX	9733-2	216				
1340	M740001	AGD0122	831215	9739	106	9733-4	103				
1341	M740001	AGD0124	860418	9739	106	9733-4	106				
1342	M740001	AGD0125	831215	9739	106	9733-4	118				
1343	M740001	AGD0126	850228	9739	106	9733-4	130B				
1344	M740001	AGD0127	831215	9739	106	9733-4	121				
1345	M740001	AGD0128	831215	9739	106	9733-4	122				
1346	M740001	AGD0133	831215	9739	106	9733-4	116				
1347	M740001	AGD1948	821213	9739	106	9733-4	125				
1348	M740001	AGD1949	821213	9739	106	9733-4	132				
1349	M740001	AGD3866	820721	9739	106	9733-4	107				
1350	M740001	AGD3868	850723	9739	106	9733-4	124				
1351	M740001	GD10272	851210	9739	106	9733-4	132				
1352	M740001	GD11021	841211	9739	106	9733-4	109				
1353	M740001	LA84270	880927	9744	100	9702	MUX				
1354	M740001	LA75961	880105	9764	12	9207	MUX				
1355	M740001	AGD7571	861020	9764	4	9702	MUX				
1356	M740001	LA13003	930115	9764	12	9702	MUX				
1357	M740001	LA13811	861014	9764	8	9702	MUX				
1358	M740001	LA16164	910307	9764	7	9702	MUX				
1359	M740001	LA29777	930205	9764	1	9702	MUX				
1360	M740001	LA73120	880105	9764	006A	9702	MUX				
1361	M740001	LA75499	871223	9764	5	9702	MUX				
1362	M740001	LA78970	871223	9764	1	9702	MUX				
1363	M740001	LA86868	880601	9764	18	9702	MUX				
1364	M740001	LA88889	930120	9764	11	9702	MUX				
1365	M740001	GD11349	881031	9764	16	9739	MUX				
1366	M740001	GD17554	861020	9764	13	9739	MUX				

	A	B	C	D	E	F	G	H	I	J	K
1	Main Acct.	Line Number	Active Date	Building 1	Room 1	Building 2	Room 2	Building 3	Room 3	Building 4	Room 4
1367	M740001	LA86975	880125	9766	MUX	9103	129				
1368	M740001	LA12600	851203	9766	MUX	9206	FLR1				
1369	M740001	LA15039	921207	9766	199C	9702	MUX				
1370	M740001	AGD0149	851008	9766	MUX	9734	104				
1371	M740001	AGD1947	900202	9766	162	9739	MUX				
1372	M740001	AGD3840	921207	9766	168	9739	106				
1373	M740001	AGD3843	881207	9766	140N	9739	MUX				
1374	M740001	LA60217	870213	9766	2	9766	MUX	9704-2			
1375	M740001	GD16777	900618	9766	MUX	9996	MUX				
1376	M740001	AGD1801	821202	9766	34	9201-3	325				
1377	M740001	GD11299	850731	9766	MUX	9201-5N	206				
1378	M740001	GD14408	850731	9766	MUX	9201-5N	202				
1379	M740001	AGD2050	830302	9766	34	9706-2	PSSO				
1380	M740001	GD17458	850717	9766	MUX	9710-2	125				
1381	M740001	LA60367	880205	9766	MUX	9733-1	109A				
1382	M740001	LA85224	880209	9766	135	9733-4	135				
1383	M740001	AGD1546	860203	9766	MUX	9766-43	172				
1384	M740001	LA74948	870902	9769	151	9103	129D				
1385	M740001	GD13434	921013	9769	111	9207	MUX				
1386	M740001	GD16247	921013	9769	113	9207	MUX				
1387	M740001	LA90332	890414	9769	MUX	9702	MUX				
1388	M740001	LA90609	890315	9769	106	9702	MUX				
1389	M740001	LA95025	890315	9769	105	9702	MUX				
1390	M740001	LA95350	890315	9769	112	9702	MUX				
1391	M740001	LA97701	890315	9769	108	9702	MUX				
1392	M740001	LA98429	890315	9769	110	9702	MUX				
1393	M740001	LA21427	920908	9771	HALL	9702	MUX				
1394	M740001	LA21783	920908	9771	6	9702	MUX				
1395	M740001	LA25515	920908	9771	2	9702	MUX				
1396	M740001	LA28818	920715	9771	7	9702	MUX				
1397	M740001	LA00157	900709	9808	SHOP	9702	MUX				
1398	M740001	LA15443	910614	9808	NONE	9702	MUX				
1399	M740001	LA89939	880328	9811	WALL	9706-2	PSS				
1400	M740001	LA29788	920706	9818	CONT	9702	MUX				
1401	M740001	LA99178	910826	9818	FARM	9702	MUX				
1402	M740001	LA61802	870612	9831	MAIN	9114	140				
1403	M740001	LA17737	881109	9980	106B	9996	MUX				
1404	M740001	LA71401	921211	9981	100B	9702	MUX				
1405	M740001	LA31693	930601	9983	1	9702	MUX				

	A	B	C	D	E	F	G	H	I	J	K
1	Main Acct.	Line Number	Active Date	Building 1	Room 1	Building 2	Room 2	Building 3	Room 3	Building 4	Room 4
1406	M740001	LA37641	930521	9983	1	9702	MUX				
1407	M740001	LA38437	930521	9983	1	9702	MUX				
1408	M740001	LA11047	920312	9983	MCR	9204-2E	OCB				
1409	M740001	LA19665	920312	9983	MCR	9204-2E	OCB				
1410	M740001	LA11529	910403	9995	22	9702	MUX				
1411	M740001	LA13955	910430	9995	126	9702	MUX				
1412	M740001	LA17736	910625	9995	D037	9702	MUX				
1413	M740001	LA17826	911202	9995	38	9702	MUX				
1414	M740001	LA19180	911105	9995	101A	9702	MUX				
1415	M740001	LA19572	920903	9995	160A	9702	MUX				
1416	M740001	LA24558	930107	9995	181B	9702	MUX				
1417	M740001	LA25027	920526	9995	151	9702	MUX				
1418	M740001	LA27422	920903	9995	155	9702	MUX				
1419	M740001	LA29141	920519	9995	122A	9702	MUX				
1420	M740001	LA35028	930713	9995	169	9702	MUX				
1421	M740001	LA35644	930128	9995	51	9702	MUX				
1422	M740001	LA35930	930713	9995	168	9702	MUX				
1423	M740001	LA87792	880226	9995	MUX	9702	MUX				
1424	M740001	GD10364	850730	9995	MUX	9981	D100				
1425	M740001	LA00531	900709	9995	040D	9996	MUX				
1426	M740001	LA00931	900607	9995	190	9996	MUX				
1427	M740001	LA02838	910130	9995	56	9996	MUX				
1428	M740001	LA03013	900806	9995	011A	9996	MUX				
1429	M740001	LA04327	900607	9995	027C	9996	MUX				
1430	M740001	LA05055	900727	9995	011A	9996	MUX				
1431	M740001	LA07461	900611	9995	142	9996	MUX				
1432	M740001	LA07944	900607	9995	27	9996	MUX				
1433	M740001	LA65077	891011	9995	187	9996	MUX				
1434	M740001	LA80049	881110	9995	101A	9996	MUX				
1435	M740001	LA80821	881110	9995	122	9996	MUX				
1436	M740001	LA81165	890120	9995	027B	9996	MUX				
1437	M740001	LA82062	881110	9995	106	9996	MUX				
1438	M740001	LA83802	881110	9995	188	9996	MUX				
1439	M740001	LA84042	881108	9995	19	9996	MUX				
1440	M740001	LA84332	881110	9995	102	9996	MUX				
1441	M740001	LA86295	881108	9995	015A	9996	MUX				
1442	M740001	LA88302	881108	9995	50	9996	MUX				
1443	M740001	LA88840	890120	9995	55	9996	MUXX				
1444	M740001	LA88898	881110	9995	189	9996	MUX				

	A	B	C	D	E	F	G	H	I	J	K
1	Main Acct.	Line Number	Active Date	Building 1	Room 1	Building 2	Room 2	Building 3	Room 3	Building 4	Room 4
1445	M740001	LA89716	881108	9995	49	9996	MUX				
1446	M740001	LA90621	890517	9995	54	9996	MUX				
1447	M740001	LA92294	890421	9995	118A	9996	MUX				
1448	M740001	LA95543	890517	9995	34	9996	MUX				
1449	M740001	LA98528	890421	9995	103A	9996	MUX				
1450	M740001	LA89448	880907	9996	MUX	9103	129				
1451	M740001	LA74239	880106	9996	434	9207	MUX				
1452	M740001	AGD2197	881102	9996	MUX	9212					
1453	M740001	AGD2208	881102	9996	MUX	9212	118				
1454	M740001	AGD2223	881102	9996	MUX	9212	47	9212	TOOL		
1455	M740001	GD11327	881026	9996	MUX	9212	54				
1456	M740001	GD15855	881209	9996	MUX	9212	7				
1457	M740001	LA10133	881114	9996	MUX	9212	1102				
1458	M740001	LA19896	881026	9996	MUX	9212	1023				
1459	M740001	LA60497	881101	9996	MUX	9212	36				
1460	M740001	LA61631	881026	9996	MUX	9212	3				
1461	M740001	LA70326	881026	9996		9212	13				
1462	M740001	LA72512	881027	9996	MUX	9212	16				
1463	M740001	LA74401	881109	9996	MUX	9212	14				
1464	M740001	LA74812	881027	9996	MUX	9212	1104				
1465	M740001	LA75455	881109	9996	MUX	9212	17				
1466	M740001	LA75705	881026	9996	MUX	9212	18				
1467	M740001	LA77102	881028	9996	MUX	9212	8				
1468	M740001	LA80691	881027	9996	MUX	9212	3				
1469	M740001	LA06638	910116	9996	MUX	9215	LNCH				
1470	M740001	LA04899	901003	9996	MUX	9204-2E	LNCH				
1471	M740001	LA07378	910116	9996	MUX	9204-2E	LNCH				
1472	M740001	LA00542	901002	9996	MUX	9720-5	LNCH				
1473	M740001	DHD3095	901202	9998	COMP	9103	129				
1474	M740001	LA06471	900822	9998	G005	9103	MUX				
1475	M740001	LA11358	920603	9998	G005	9117	129				
1476	M740001	LA04639	900928	9998	H002	9996	MUX				
1477	M740001	LA05687	900614	9998	COMP	9996	MUX				
1478	M740001	LA08997	900919	9998	L	9996	MUX				
1479	M740001	DHD3088	910125	9998	COMP	9983-62	MUX				
1480	M740001	GD33958	931013	1009COM	601	9702	CBNT				
1481	M740001	GD33176	930810	101MID	TC	9702	CABT				
1482	M740001	LA34355	930922	101MID	TC	105MIT	2FLR				
1483	M740001	LA04380	930929	1054-B	109	1000	MUX				

	A	B	C	D	E	F	G	H	I	J	K
1	Main Acct.	Line Number	Active Date	Building 1	Room 1	Building 2	Room 2	Building 3	Room 3	Building 4	Room 4
1484	M740001	LA06545	930929	1054-B	117	1000	MUX				
1485	M740001	LA08984	910412	1054-B	103	1000	MUX				
1486	M740001	LA24516	921023	1054-B	121	4500-N	270				
1487	M740001	GD30467	930810	105MIT	TC	9702	CABT				
1488	M740001	LA24418	930922	105MIT	MUX	130MIT	FLR2				
1489	M740001	GD14465	910604	105MIT	RMKS	4500-S	T002				
1490	M740001	GD17196	910604	105MIT	FLR2	4500-S	T002				
1491	M740001	LA20636	920320	105MIT	105	62MIT	62				
1492	M740001	LA22689	920320	105MIT	105	62MIT	62				
1493	M740001	LA24537	920320	105MIT	105	62MIT	62				
1494	M740001	LA24663	920320	105MIT	105	62MIT	62				
1495	M740001	LA24685	920320	105MIT	105	62MIT	62				
1496	M740001	LA18019	930922	105MIT	MUX	78MIT	TC				
1497	M740001	LA16492	930922	105MIT	TCRM	MITCHEL	TCRM				
1498	M740001	LA24793	920320	118MIT	3	105MIT	MUX				
1499	M740001	LA27134	931202	118MIT	5	105MIT	MUX				
1500	M740001	LA29885	920330	118MIT	4	105MIT	MUX				
1501	M740001	LA31042	931130	118MIT	5	105MIT	2FL				
1502	M740001	LA32495	931130	118MIT	4	105MIT	2FL				
1503	M740001	LA33967	931130	118MIT	7	105MIT	2FL				
1504	M740001	LA35138	931130	118MIT	2	105MIT	2FL				
1505	M740001	LA35981	931209	118MIT	CLAS	105MIT	MUX				
1506	M740001	LA36774	931130	118MIT	1	105MIT	2FLR				
1507	M740001	LA37235	931130	118MIT	6	105MIT	2FL				
1508	M740001	LA39746	931130	118MIT	3	105MIT	2FL				
1509	M740001	D500184	920910	127PROV	A175	4500-N	294				
1510	M740001	GD36599	930810	130MIT	TC	9702	CABT				
1511	M740001	LA28179	920320	130MIT	105	MITCHEL	62				
1512	M740001	LA84633	890828	1501-2	OFFC	9702	MUX				
1513	M740001	GD33730	930810	173MIT	TC	9702	CABT				
1514	M740001	GD76308	870610	1916-T1	56	POLLARD	240				
1515	M740001	D500186	920917	200FAIR	OFFC	4500-N	294				
1516	M740001	D500185	920917	245ROBV	175	4500-N	294				
1517	M740001	GD33457	930810	2714-H		FEDERAL	BOC				
1518	M740001	LA16333	930817	3026-C	25	3500	B-23				
1519	M740001	LA19786	930817	3026-C	25	3500	B-23				
1520	M740001	GD16575	850925	3026-C	1	4500-N	COMP				
1521	M740001	LA17246	870416	3026-C	4	4500-N	MUX				
1522	M740001	LA27409	921228	3026-C	5	4500-N	294				

	A	B	C	D	E	F	G	H	I	J	K
1	Main Acct.	Line Number	Active Date	Building 1	Room 1	Building 2	Room 2	Building 3	Room 3	Building 4	Room 4
1523	M740001	GDP4600	920713	3026-C	5	4500-S	T002				
1524	M740001	LA01304	900918	3026-D	NW	4500-N	270				
1525	M740001	LA07710	900821	3026-D	2	4500-N	270				
1526	M740001	LA91577	891030	3026-D	18	4500-N	270				
1527	M740001	D500183	920909	304NYAV	CONF	4500-N	294				
1528	M740001	GD18083	911210	331-ROB		K-1007	1003				
1529	M740001	GD61578	880204	4500-N	ATV	961					
1530	M740001	AGD4581	900122	4500-N	K218	1505	121				
1531	M740001	AGD4585	821102	4500-N	I206	1505	121				
1532	M740001	AGD4257	841109	4500-N	F004	2001	A104				
1533	M740001	AGD2932	830929	4500-N	BSMT	2010	LUNC				
1534	M740001	LA13169	851125	4500-N	MUX	2024	054A				
1535	M740001	GD00670	900921	4500-N	ATV	2500		4512			PT24
1536	M740001	GD01225	900921	4500-N	ATV	2500	CLOS	4512	CLOS	5000	VIST
1537	M740001	GD01233	900921	4500-N	ATV	2500		4512		1505	NDR
1538	M740001	GD01972	900921	4500-N	ATV	2500		4512		5000	BDGE
1539	M740001	GD02111	900921	4500-N	ATV	2500	CLOS	4512	CLOS	6010	NEDR
1540	M740001	GD02149	900921	4500-N	ATV	2500	CLOS	4512	CLOS	2500	PT24
1541	M740001	GD02208	900921	4500-N	ATV	2500	CLOS	4512	CLOS	3037	205
1542	M740001	GD02288	900921	4500-N	ATV	2500	CLOS	4512	CLOS	5000	VIST
1543	M740001	GD02485	900921	4500-N	ATV	2500	CLOS	4512	CLOS	3010	TEL
1544	M740001	GD02906	900921	4500-N	ATV	2500	CLOS	4512	CLOS		GATE
1545	M740001	GD02916	900921	4500-N	ATV	2500	CLOS	4512	CLOS	7900	CTRL
1546	M740001	GD03192	900921	4500-N	ATV	2500		4512		2500	PST6
1547	M740001	GD03398	900921	4500-N	ATV	2500	CLOS	4512	CLOS	6011	C&TD
1548	M740001	GD03688	900921	4500-N	ATV	2500	CLOS	4512	CLOS	4512	LSS
1549	M740001	GD04084	900921	4500-N	ATV	2500	CLOS	4512		6025	DOOR
1550	M740001	GD04103	900921	4500-N	ATV	2500	CLOS	4512	CLOS	4512	LSS
1551	M740001	GD04447	900921	4500-N	ATV	2500	CLOS	4512	CLOS	4512	LSS
1552	M740001	GD04491	900921	4500-N	ATV	2500	CLOS	4512	CLOS	5000	VIST
1553	M740001	GD04502	900921	4500-N	ATV	2500	CLOS	4512	CLOS	3508	EWDR
1554	M740001	GD04637	900921	4500-N	ATV	2500	CLOS	4512	CLOS	3042	WDR
1555	M740001	GD05887	900921	4500-N	ATV	2500	CLOS	4512	CLOS	3508	TERM
1556	M740001	GD06050	900921	4500-N	ATV	2500	CLOS	4512	CLOS	7900	019B
1557	M740001	GD06123	900921	4500-N	ATV	2500	CLOS	4512	CLOS	6025	SDR
1558	M740001	GD06196	900921	4500-N	ATV	2500	CLOS	4512		7900	SDR
1559	M740001	GD06560	900921	4500-N	ATV	2500	CLOS	4512	CLOS	1506	NDR
1560	M740001	GD06716	900921	4500-N	ATV	2500		4512		5000	BADG
1561	M740001	GD07007	900921	4500-N	ATV	2500	CLOS	4512	CLOS	5000	BDGE

	A	B	C	D	E	F	G	H	I	J	K
1	Main Acct.	Line Number	Active Date	Building 1	Room 1	Building 2	Room 2	Building 3	Room 3	Building 4	Room 4
1562	M740001	GD07296	900921	4500-N	ATV	2500	CLOS	4512	CLOS		ARA6
1563	M740001	GD08260	900921	4500-N	ATV	2500	CLOS	4512	CLOS	1504	NDR
1564	M740001	GD08705	930224	4500-N	VALT	2500	CLST	4512	CLST	4500-N	ATV
1565	M740001	GD09063	900921	4500-N	ATV	2500	CLOS	4512	CLOS	3019	EDR
1566	M740001	GD09754	900921	4500-N	ATV	2500	CLOS	4512	CLOS	5000	BDGE
1567	M740001	GD09815	900921	4500-N	ATV	2500		4512		3019	WDR
1568	M740001	GD09853	900921	4500-N	ATV	2500	CLOS	4512	CLOS	7900	NDR
1569	M740001	GD09985	900921	4500-N	ATV	2500	CLOS	4512	CLOS	1505	WDR
1570	M740001	LA38513	930421	4500-N	294	3017	12				
1571	M740001	AGD0685	840423	4500-N	270	3019	135	3019	125		
1572	M740001	LA17383	851030	4500-N	COMP	3024					
1573	M740001	GD10510	850115	4500-N	COMP	3037	209				
1574	M740001	LA14423	860121	4500-N	MUX	3037	205				
1575	M740001	GDP3328	911018	4500-N	A-20	3047	MUX				
1576	M740001	LA00167	911018	4500-N	B-12	3047	MUX				
1577	M740001	LA02202	911018	4500-N	B-14	3047	MUX				
1578	M740001	LA11264	911018	4500-N	A-18	3047	MUX				
1579	M740001	LA14382	851108	4500-N	COMP	3325	103				
1580	M740001	GD16914	850724	4500-N	294	3500	29				
1581	M740001	AGD0941	840720	4500-N	COMP	4501	201				
1582	M740001	GD13312	841012	4500-N	270	4505	37S				
1583	M740001	LA15183	851113	4500-N	MUX	4505	015A				
1584	M740001	LA10492	931018	4500-N	124B	4508	217				
1585	M740001	AGD0165	831205	4500-N	COMP	6000	240				
1586	M740001	AGD0169	840302	4500-N	COMP	6000	025P				
1587	M740001	AGD2933	830929	4500-N	BSMT	7001					
1588	M740001	LA70918	871029	4500-N	I103	7001	COMP				
1589	M740001	LA72373	900405	4500-N	I103	7001	COMP				
1590	M740001	LA73342	871029	4500-N	I103	7001	COMP				
1591	M740001	LA79657	910910	4500-N	F226	7001	COMP				
1592	M740001	AGD6761	840809	4500-N	270	7002	4				
1593	M740001	GS37212	930819	4500-N	VALT	7601	BSMT				
1594	M740001	LA16881	851211	4500-N	MUX	7824	OFFC				
1595	M740001	LA68289	921005	4500-N	CWIN	7900	HB2A				
1596	M740001	LA18009	911126	4500-N	294	7910	MUX				
1597	M740001	LA70074	911126	4500-N	270	7910	MUX				
1598	M740001	LA75966	911126	4500-N	270	7910	MUX				
1599	M740001	LA76156	911126	4500-N	270	7910	MUX				
1600	M740001	AGD0306	901207	4500-N	J218	4500-S	T002				

	A	B	C	D	E	F	G	H	I	J	K
1	Main Acct.	Line Number	Active Date	Building 1	Room 1	Building 2	Room 2	Building 3	Room 3	Building 4	Room 4
1601	M740001	AGD0313	930622	4500-N	213	4500-S	T002				
1602	M740001	AGD0420	840227	4500-N	112A	4500-S	T002				
1603	M740001	AGD0436	900409	4500-N	H032	4500-S	T002				
1604	M740001	AGD0499	840321	4500-N	J223	4500-S	T002				
1605	M740001	AGD0570	870302	4500-N	D230	4500-S	T002				
1606	M740001	AGD0590	840309	4500-N	125G	4500-S	T002				
1607	M740001	AGD0594	870410	4500-N	E218	4500-S	T002				
1608	M740001	AGD0596	891024	4500-N	J251	4500-S	T002				
1609	M740001	AGD0599	871130	4500-N	267	4500-S	T002				
1610	M740001	AGD0669	840404	4500-N	202D	4500-S	PDP				
1611	M740001	AGD0726	880505	4500-N	J101	4500-S	PDP				
1612	M740001	AGD0786	840507	4500-N	270	4500-S	S236				
1613	M740001	AGD0870	840531	4500-N	270	4500-S	F252				
1614	M740001	AGD0974	851008	4500-N	135	4500-S	T002	4500-N	135		
1615	M740001	AGD1401	870107	4500-N	E210	4500-S	T002				
1616	M740001	AGD1477	880928	4500-N	D008	4500-S	T002				
1617	M740001	AGD1478	870324	4500-N	273B	4500-S	T002				
1618	M740001	AGD1489	821102	4500-N	294	4500-S	S103				
1619	M740001	AGD1490	821102	4500-N	294	4500-S	S103				
1620	M740001	AGD1491	821102	4500-N	294	4500-S	S103				
1621	M740001	AGD1500	920602	4500-N	H-23	4500-S	T002				
1622	M740001	AGD1734	840709	4500-N	COMP	4500-S	C248				
1623	M740001	AGD1918	841113	4500-N	F12	4500-S	T002				
1624	M740001	AGD1919	920908	4500-N	C218	4500-S	T002				
1625	M740001	AGD1927	821215	4500-N	G024	4500-S	T002				
1626	M740001	AGD1928	911023	4500-N	G17D	4500-S	T002				
1627	M740001	AGD1987	911021	4500-N	125A	4500-S	T002				
1628	M740001	AGD1991	900502	4500-N	F008	4500-S	T002				
1629	M740001	AGD1993	900302	4500-N	G019	4500-S	T002				
1630	M740001	AGD1994	821209	4500-N	K241	4500-S	T002				
1631	M740001	AGD2321	850708	4500-N	257	4500-S	T002				
1632	M740001	AGD2684	870114	4500-N	H213	4500-S	T002				
1633	M740001	AGD2735	930930	4500-N	J225	4500-S	T-02				
1634	M740001	AGD2738	910910	4500-N	F226	4500-S	T002				
1635	M740001	AGD2891	921123	4500-N	RMKS	4500-S	T002				
1636	M740001	AGD2930	830929	4500-N	BSMT	4500-S	CANT				
1637	M740001	AGD2947	900507	4500-N	120D	4500-S	T002				
1638	M740001	AGD2948	870324	4500-N	275	4500-S	T002				
1639	M740001	AGD3142	831206	4500-N	T2&3	4500-S	T003				

	A	B	C	D	E	F	G	H	I	J	K
1	Main Acct.	Line Number	Active Date	Building 1	Room 1	Building 2	Room 2	Building 3	Room 3	Building 4	Room 4
1640	M740001	AGD3147	850416	4500-N	D001	4500-S	T002				
1641	M740001	AGD3164	890503	4500-N	130	4500-S	T002				
1642	M740001	AGD3186	821217	4500-N	239	4500-S	T002				
1643	M740001	AGD3199	890331	4500-N	E15A	4500-S	T002				
1644	M740001	AGD3200	920114	4500-N	125B	4500-S	T002				
1645	M740001	AGD3202	891114	4500-N	244	4500-S	T002				
1646	M740001	AGD3203	821102	4500-N	281	4500-S	T002				
1647	M740001	AGD3234	870324	4500-N	279	4500-S	T002				
1648	M740001	AGD3240	870324	4500-N	275	4500-S	T002				
1649	M740001	AGD3249	880418	4500-N	141	4500-S	159				
1650	M740001	AGD3250	900123	4500-N	K220	4500-S	T002				
1651	M740001	AGD3252	881024	4500-N	I105	4500-S	T002				
1652	M740001	AGD3260	900426	4500-N	K114	4500-S	T002				
1653	M740001	AGD3330	900227	4500-N	I208	4500-S	T002				
1654	M740001	AGD3331	901206	4500-N	I206	4500-S	T002				
1655	M740001	AGD3332	821102	4500-N	I206	4500-S	T002				
1656	M740001	AGD3354	900227	4500-N	I208	4500-S	T002				
1657	M740001	AGD3360	881216	4500-N	I110	4500-S	T002				
1658	M740001	AGD3382	821102	4500-N	H205	4500-S	T002				
1659	M740001	AGD3411	920504	4500-N	C236	4500-S	T002				
1660	M740001	AGD3438	871106	4500-N	125H	4500-S	T002	4500N	T2		
1661	M740001	AGD3484	901207	4500-N	I206	4500-S	T002	4500N	I206		
1662	M740001	AGD3485	901206	4500-N	I206	4500-S	T002				
1663	M740001	AGD3706	880929	4500-N	I108	4500-S	T002	4500-N	I105		
1664	M740001	AGD3723	821011	4500-N	K225	4500-S	T002				
1665	M740001	AGD3772	811002	4500-N	F004	4500-S	T002				
1666	M740001	AGD4339	901207	4500-N	J214	4500-S	T002				
1667	M740001	AGD4420	850219	4500-N	I104	4500-S	T002				
1668	M740001	AGD4453	911024	4500-N	I101	4500-S	T002				
1669	M740001	AGD4459	831101	4500-N	I107	4500-S	T002				
1670	M740001	AGD4481	831108	4500-N	H-40	4500-S	T002				
1671	M740001	AGD4545	840102	4500-N	J111	4500-S	COMP				
1672	M740001	AGD4604	901206	4500-N	I206	4500-S	T002				
1673	M740001	AGD4617	920504	4500-N	C236	4500-S	T002				
1674	M740001	AGD4628	831130	4500-N	T002	4500-S	R247				
1675	M740001	AGD4649	820114	4500-N	J228	4500-S	T002				
1676	M740001	AGD4692	930513	4500-N	208A	4500-S	P002				
1677	M740001	AGD4769	871008	4500-N	261	4500-S	T002				
1678	M740001	AGD4772	870427	4500-N	B224	4500-S	T002				

	A	B	C	D	E	F	G	H	I	J	K
1	Main Acct.	Line Number	Active Date	Building 1	Room 1	Building 2	Room 2	Building 3	Room 3	Building 4	Room 4
1679	M740001	AGD4776	870527	4500-N	265	4500-S	T002				
1680	M740001	AGD4948	850617	4500-N	F022	4500-S	T002				
1681	M740001	GD10763	841127	4500-N	COMP	4500-S	E049	4500-S	E050	4500-S	E051
1682	M740001	GD11089	850913	4500-N	COMP	4500-S	G63A				
1683	M740001	GD11187	850724	4500-N	COMP	4500-S	S152				
1684	M740001	GD17412	890509	4500-N	J241	4500-S	T002				
1685	M740001	GD18478	861121	4500-N	294	4500-S	S170				
1686	M740001	GD81386	880127	4500-N	K235	4500-S	T002				
1687	M740001	GD82659	880127	4500-N	K235	4500-S	T002				
1688	M740001	GD82734	880127	4500-N	K235	4500-S	T002				
1689	M740001	GD85120	880127	4500-N	K235	4500-S	T002				
1690	M740001	GD85829	880127	4500-N	K235	4500-S	T002				
1691	M740001	GD87791	880127	4500-N	K235	4500-S	T002				
1692	M740001	GD88297	880127	4500-N	K235	4500-S	T002				
1693	M740001	GD88688	920818	4500-N	K251	4500-S	T002				
1694	M740001	GD92260	890606	4500-N	125M	4500-S	T002				
1695	M740001	GD98203	900729	4500-N	K256	4500-S	T002				
1696	M740001	GDP0318	900627	4500-N	294	4500-S	T003				
1697	M740001	GDP0352	920414	4500-N	K104	4500-S	T002				
1698	M740001	GDP0578	901204	4500-N	I205	4500-S	T002				
1699	M740001	GDP1386	930630	4500-N	J227	4500-S	T002				
1700	M740001	GDP1576	901204	4500-N	I205	4500-S	T002	4500-N	I205		
1701	M740001	GDP1721	911021	4500-N	125A	4500-S	T002				
1702	M740001	GDP1810	920813	4500-N	H225	4500-S	T002				
1703	M740001	GDP1813	901204	4500-N	I202	4500-S	T002				
1704	M740001	GDP2324	921002	4500-N	125E	4500-S	T-02				
1705	M740001	GDP2728	911209	4500-N	C216	4500-S	T002				
1706	M740001	GDP3005	920613	4500-N	G-40	4500-S	T002				
1707	M740001	GDP3243	901207	4500-N	265	4500-S	T002				
1708	M740001	GDP3355	901204	4500-N	I202	4500-S	T002				
1709	M740001	LA00598	900511	4500-N	I200	4500-S	T002				
1710	M740001	LA00629	900511	4500-N	291	4500-S	T002				
1711	M740001	LA01112	900518	4500-N	I103	4500-S	T002				
1712	M740001	LA01916	920609	4500-N	K110	4500-S	T002				
1713	M740001	LA02262	900509	4500-N	D028	4500-S	T002				
1714	M740001	LA03532	900126	4500-N	125B	4500-S	T002				
1715	M740001	LA05174	901214	4500-N	J220	4500-S	T002				
1716	M740001	LA05314	901120	4500-N	294	4500-S	T002				
1717	M740001	LA05524	900702	4500-N	H217	4500-S	T002				

	A	B	C	D	E	F	G	H	I	J	K
1	Main Acct.	Line Number	Active Date	Building 1	Room 1	Building 2	Room 2	Building 3	Room 3	Building 4	Room 4
1718	M740001	LA06006	900510	4500-N	4	4500-S	T002				
1719	M740001	LA06639	901126	4500-N	C004	4500-S	T002				
1720	M740001	LA06720	920911	4500-N	120A	4500-S	T002				
1721	M740001	LA07232	901101	4500-N	F008	4500-S	T002				
1722	M740001	LA07326	901120	4500-N	270	4500-S	T002				
1723	M740001	LA07758	901024	4500-N	H001	4500-S	T002				
1724	M740001	LA09563	901120	4500-N	290	4500-S	T002				
1725	M740001	LA10559	910122	4500-N	I200	4500-S	T002				
1726	M740001	LA10682	911125	4500-N	A014	4500-S	T002				
1727	M740001	LA10962	911118	4500-N	175	4500-S	T002				
1728	M740001	LA11202	910827	4500-N	C028	4500-S	MUX				
1729	M740001	LA11623	910219	4500-N	124C	4500-S	T002				
1730	M740001	LA11742	860211	4500-N	270	4500-S	C046				
1731	M740001	LA12361	851223	4500-N	COMP	4500-S	278				
1732	M740001	LA12424	861121	4500-N	270	4500-S	C163				
1733	M740001	LA12785	910121	4500-N	I114	4500-S	T002				
1734	M740001	LA13091	851211	4500-N	294	4500-S	C251				
1735	M740001	LA13311	911122	4500-N	G001	4500-S	T002				
1736	M740001	LA13880	911018	4500-N	125C	4500-S	T002				
1737	M740001	LA15033	860312	4500-N	270	4500-S	T001				
1738	M740001	LA15317	910219	4500-N	124A	4500-S	T002				
1739	M740001	LA15366	910219	4500-N	I205	4500-S	T002				
1740	M740001	LA15502	920423	4500-N	199	4500-S	T002				
1741	M740001	LA15906	851120	4500-N	COMP	4500-S	G063				
1742	M740001	LA15989	911120	4500-N	F013	4500-S	T002				
1743	M740001	LA16137	911121	4500-N	B020	4500-S	T002				
1744	M740001	LA16787	911118	4500-N	F226	4500-S	T-02				
1745	M740001	LA16871	910129	4500-N	297	4500-S	T002				
1746	M740001	LA17289	920423	4500-N	199	4500-S	T002				
1747	M740001	LA17335	910802	4500-N	C028	4500-S	T002				
1748	M740001	LA17529	910826	4500-N	D33D	4500-S	MUX				
1749	M740001	LA17530	910122	4500-N	I200	4500-S	T002				
1750	M740001	LA18315	911120	4500-N	F013	4500-S	T002				
1751	M740001	LA18659	911126	4500-N	H016	4500-S	T002				
1752	M740001	LA18848	911018	4500-N	B028	4500-S	T002				
1753	M740001	LA18866	911125	4500-N	A014	4500-S	T002				
1754	M740001	LA19384	911125	4500-N	B036	4500-S	T002				
1755	M740001	LA19756	910207	4500-N	151	4500-S	T002				
1756	M740001	LA19973	860421	4500-N	294	4500-S	H158				

	A	B	C	D	E	F	G	H	I	J	K
1	Main Acct.	Line Number	Active Date	Building 1	Room 1	Building 2	Room 2	Building 3	Room 3	Building 4	Room 4
1757	M740001	LA24706	920722	4500-N	H205	4500-S	T002				
1758	M740001	LA60588	860702	4500-N	J221	4500-S	T002				
1759	M740001	LA62196	860724	4500-N	294	4500-S	E255				
1760	M740001	LA64897	860724	4500-N	294	4500-S	E255				
1761	M740001	LA66636	860711	4500-N	238	4500-S	T002				
1762	M740001	LA70899	920902	4500-N	K253	4500-S	T002				
1763	M740001	LA73415	901204	4500-N	I202	4500-S	T002				
1764	M740001	LA73949	900226	4500-N	F010	4500-S	T002				
1765	M740001	LA74295	880201	4500-N	159	4500-S	T002				
1766	M740001	LA77002	890206	4500-N	215	4500-S	T002				
1767	M740001	LA77351	870316	4500-N	VAX3	4500-S	T003				
1768	M740001	LA79770	871012	4500-N	E021	4500-S	T002				
1769	M740001	LA80054	890331	4500-N	213	4500-S	T002				
1770	M740001	LA80465	890427	4500-N	270	4500-S	S143				
1771	M740001	LA80871	890113	4500-N	168	4500-S	T002				
1772	M740001	LA81452	900214	4500-N	C036	4500-S	T002				
1773	M740001	LA81504	920117	4500-N	J236	4500-S	T002				
1774	M740001	LA86557	890109	4500-N	F-12	4500-S	T002				
1775	M740001	LA87723	880203	4500-N	164	4500-S	T002				
1776	M740001	LA88923	890113	4500-N	I103	4500-S	T002				
1777	M740001	LA88960	890109	4500-N	F-12	4500-S	T002				
1778	M740001	LA91432	890913	4500-N	J242	4500-S	T002				
1779	M740001	LA91679	890321	4500-N	H226	4500-S	T002				
1780	M740001	LA92275	890215	4500-N	B017	4500-S	T002				
1781	M740001	LA92451	900315	4500-N	G008	4500-S	T002				
1782	M740001	LA92472	900316	4500-N	I113	4500-S	T002				
1783	M740001	LA92534	890913	4500-N	J229	4500-S	T002				
1784	M740001	LA92953	890201	4500-N	140F	4500-S	0T-2				
1785	M740001	LA93031	891013	4500-N	D013	4500-S	T002				
1786	M740001	LA93306	900126	4500-N	C214	4500-S	T002				
1787	M740001	LA93486	890913	4500-N	J251	4500-S	T002				
1788	M740001	LA94163	890912	4500-N	J253	4500-S	T002				
1789	M740001	LA94316	921019	4500-N	K246	4500-S	T002				
1790	M740001	LA94484	920916	4500-N	C234	4500-S	T002				
1791	M740001	LA94650	891019	4500-N	D103	4500-S	T002				
1792	M740001	LA94966	890926	4500-N	K225	4500-S	T002				
1793	M740001	LA95368	890531	4500-N	H205	4500-S	T002				
1794	M740001	LA95928	890224	4500-N	I112	4500-S	T002				
1795	M740001	LA96955	891013	4500-N	D009	4500-S	T002				

	A	B	C	D	E	F	G	H	I	J	K
1	Main Acct.	Line Number	Active Date	Building 1	Room 1	Building 2	Room 2	Building 3	Room 3	Building 4	Room 4
1796	M740001	LA97850	911118	4500-N	K223	4500-S	T002				
1797	M740001	LA98240	911204	4500-N	C214	4500-S	T002				
1798	M740001	LA98273	890307	4500-N		4500-S	T002				
1799	M740001	LA98476	891013	4500-N	J253	4500-S	T002				
1800	M740001	LA98796	890913	4500-N	J256	4500-S	T002				
1801	M740001	LA99749	900316	4500-N	K113	4500-S	T002				
1802	M740001	LA99835	890831	4500-N	H205	4500-S	T002				
1803	M740001	LA22776	920911	4500-N	270	5510-A	MUX				
1804	M740001	DHD3432	921031	4500-N	294	78MITCH	67				
1805	M740001	AGD2435	870623	4500-N	F004	9201-2	117				
1806	M740001	AGD4653	840102	4500-N	F004	9201-2	117				
1807	M740001	GDP2934	870623	4500-N	BSMT	9201-2	LOBY				
1808	M740001	AGD4654	870623	4500-N	F004	9711-1	LIBR				
1809	M740001	GD11782	870610	4500-N	F004	K-1002	LBRY				
1810	M740001	AGD0307	840102	4500-S	T002	1000	STWL				
1811	M740001	AGD1232	820413	4500-S	T002	1504	4				
1812	M740001	AGD1839	821025	4500-S	T002	1505	276				
1813	M740001	AGD2083	830202	4500-S	T002	1505	226				
1814	M740001	AGD4582	821102	4500-S	T002	1505	290				
1815	M740001	AGD1377	820608	4500-S	T002	2001	H102				
1816	M740001	AGD1505	820707	4500-S	T002	2001	A100				
1817	M740001	AGD1519	820712	4500-S	T002	2001	H101				
1818	M740001	AGD2534	830518	4500-S	T002	2016	2				
1819	M740001	AGD3776	811006	4500-S	T002	2018	1				
1820	M740001	AGD3888	821102	4500-S	T002	2018	1				
1821	M740001	AGD1271	831020	4500-S	T002	2029	3				
1822	M740001	AGD3429	830902	4500-S	T002	2029	4				
1823	M740001	AGD4249	831017	4500-S	T002	2029	1				
1824	M740001	AGD4300	831017	4500-S	T002	2029	2				
1825	M740001	AGD2052	830125	4500-S	T002	2506					
1826	M740001	AGD2602	830606	4500-S	T002	2518	214				
1827	M740001	LA16890	910719	4500-S	MUX	2518	MUX				
1828	M740001	AGD1617	820814	4500-S	T002	3010					
1829	M740001	AGD3718	841218	4500-S	T002	3104	3				
1830	M740001	GD10975	901226	4500-S	T002	3130	203				
1831	M740001	AGD1703	820723	4500-S	T002	3500	35				
1832	M740001	AGD2080	861118	4500-S		3500	13				
1833	M740001	AGD4952	840110	4500-S	PDP	3500	28				
1834	M740001	AGD2438	830415	4500-S	128B	3525					

	A	B	C	D	E	F	G	H	I	J	K
1	Main Acct.	Line Number	Active Date	Building 1	Room 1	Building 2	Room 2	Building 3	Room 3	Building 4	Room 4
1835	M740001	AGD1619	820813	4500-S	T002	3546	115				
1836	M740001	LA94774	890508	4500-S	T002	3550	27				
1837	M740001	AGD1492	820702	4500-S	T002	4501	224				
1838	M740001	AGD4666	821207	4500-S	T002	4501	217				
1839	M740001	AGD2515	830510	4500-S	T002	4505	027A				
1840	M740001	LA10681	910503	4500-S	B161	4508	MUX				
1841	M740001	LA11360	910826	4500-S	T020	4508	MUX				
1842	M740001	LA13408	921221	4500-S	B159	4508	MUX				
1843	M740001	LA16139	920303	4500-S	A159	4508	217				
1844	M740001	LA18594	910517	4500-S	C050	4508	MUX				
1845	M740001	AGD4677	810407	4500-S	T002	5000	17				
1846	M740001	AGD2605	830602	4500-S	T002	5505	20				
1847	M740001	AGD0423	870130	4500-S	T002	6000	A102				
1848	M740001	AGD2041	830117	4500-S	T002	6000	M204				
1849	M740001	AGD3206	840921	4500-S	T002	6003	109				
1850	M740001	AGD3223	850305	4500-S	T002	6008	121				
1851	M740001	AGD3364	860318	4500-S	T002	6025	032W	7500	2		
1852	M740001	AGD3413	810302	4500-S	52	6025	009M				
1853	M740001	AGD3715	811002	4500-S	T002	7012	103				
1854	M740001	AGD1264	850221	4500-S		7503	13				
1855	M740001	AGD3380	820902	4500-S	T002	7503	13				
1856	M740001	LAP0019	840621	4500-S		7503	13				
1857	M740001	AGD4760	820521	4500-S	T002	7505	3				
1858	M740001	AGD3093	850602	4500-S	T002	7601	256				
1859	M740001	AGD1761	920521	4500-S	T--2	7606	3				
1860	M740001	AGD2078	830120	4500-S	T002	7900	HB3A				
1861	M740001	AGD4682	810424	4500-S	T002	7900	6				
1862	M740001	AGD1760	911126	4500-S	T002	7910	MUX				
1863	M740001	LA10269	911126	4500-S	T002	7910	MUX				
1864	M740001	LA76179	911126	4500-S	T002	7910	MUX				
1865	M740001	AGD0351	840320	4500-S	T002	4500-N	I124				
1866	M740001	AGD0464	840123	4500-S	T002	4500-N	125M				
1867	M740001	AGD0626	880506	4500-S	S112	4500-N	COMP				
1868	M740001	AGD0639	840717	4500-S	E048	4500-N	COMP				
1869	M740001	AGD0671	880702	4500-S	R211	4500-N	COMP				
1870	M740001	AGD0686	840423	4500-S	144	4500-N	270				
1871	M740001	AGD0688	880512	4500-S	S134	4500-N	270				
1872	M740001	AGD0689	840423	4500-S	S138	4500-N	270				
1873	M740001	AGD0691	840530	4500-S	C158	4500-N	270	4500S	C158		

	A	B	C	D	E	F	G	H	I	J	K
1	Main Acct.	Line Number	Active Date	Building 1	Room 1	Building 2	Room 2	Building 3	Room 3	Building 4	Room 4
1874	M740001	AGD0724	840619	4500-S	S274	4500-N	P-2				
1875	M740001	AGD0778	890706	4500-S	D062	4500-N	270	4500-S	D064	4500-S	D060
1876	M740001	AGD0783	840518	4500-S	E-56	4500-N	T002				
1877	M740001	AGD0789	840718	4500-S	B150	4500-N	270				
1878	M740001	AGD0812	930226	4500-S	A170	4500-N	270				
1879	M740001	AGD0813	840516	4500-S	A174	4500-N	270				
1880	M740001	AGD0814	840516	4500-S	A172	4500-N	270				
1881	M740001	AGD0845	840521	4500-S	S235	4500-N	270				
1882	M740001	AGD1014	850702	4500-S	T002	4500-N	255				
1883	M740001	AGD1050	821102	4500-S	T002	4500-N	125P				
1884	M740001	AGD1088	821102	4500-S	S234	4500-N	K249				
1885	M740001	AGD1143	820329	4500-S	T002	4500-N	G014				
1886	M740001	AGD1174	830216	4500-S	T002	4500-N	249				
1887	M740001	AGD1260	860409	4500-S	T002	4500-N	137				
1888	M740001	AGD1390	820524	4500-S	T002	4500-N	D016				
1889	M740001	AGD1402	820601	4500-S	T002	4500-N	E222				
1890	M740001	AGD1474	820625	4500-S	T002	4500-N	G033				
1891	M740001	AGD1476	860204	4500-S	T002	4500-N	G038				
1892	M740001	AGD1690	820913	4500-S	T002	4500-N	B212				
1893	M740001	AGD1755	820825	4500-S	T002	4500-N	B230				
1894	M740001	AGD1757	820830	4500-S	T002	4500-N	K243				
1895	M740001	AGD1826	821019	4500-S	T002	4500-N	243				
1896	M740001	AGD1988	821206	4500-S	T002	4500-N	C208				
1897	M740001	AGD2022	850227	4500-S	T002	4500-N	D14				
1898	M740001	AGD2099	830211	4500-S	T002	4500-N	H215				
1899	M740001	AGD2100	890221	4500-S	T002	4500-N	B215				
1900	M740001	AGD2172	830216	4500-S	T002	4500-N	125M				
1901	M740001	AGD2179	830210	4500-S	T002	4500-N	K221				
1902	M740001	AGD2314	831221	4500-S	T002	4500-N	147				
1903	M740001	AGD2401	841022	4500-S	T002	4500-N	B-8				
1904	M740001	AGD2520	830510	4500-S	T002	4500-N	K214				
1905	M740001	AGD2521	830803	4500-S	T002	4500-N	K214				
1906	M740001	AGD2522	830513	4500-S	T002	4500-N	I106				
1907	M740001	AGD2530	830517	4500-S	T002	4500-N	270				
1908	M740001	AGD2609	830531	4500-S	T002	4500-N	I101				
1909	M740001	AGD2652	840205	4500-S	T002	4500-N	125L				
1910	M740001	AGD2685	830621	4500-S	T002	4500-N	E220				
1911	M740001	AGD2700	830720	4500-S	T002	4500-N	K229				
1912	M740001	AGD2729	840817	4500-S	T002	4500-N	H11D				

	A	B	C	D	E	F	G	H	I	J	K
1	Main Acct.	Line Number	Active Date	Building 1	Room 1	Building 2	Room 2	Building 3	Room 3	Building 4	Room 4
1913	M740001	AGD2796	830801	4500-S	T002	4500-N	I101				
1914	M740001	AGD2946	831024	4500-S	T002	4500-N	263				
1915	M740001	AGD2949	850305	4500-S	T002	4500-N	125K				
1916	M740001	AGD2951	840105	4500-S	T002	4500-N	B230				
1917	M740001	AGD3037	831029	4500-S	T002	4500-N	H204				
1918	M740001	AGD3038	831024	4500-S	T002	4500-N	H205				
1919	M740001	AGD3039	831025	4500-S	T002	4500-N	F058				
1920	M740001	AGD3135	821102	4500-S	T002	4500-N	125N				
1921	M740001	AGD3168	850614	4500-S	T002	4500-N	B208	4500-N	B208		
1922	M740001	AGD3172	821102	4500-S	T002	4500-N	226				
1923	M740001	AGD3174	821102	4500-S	T002	4500-N	J220				
1924	M740001	AGD3198	821102	4500-S	T002	4500-N	247				
1925	M740001	AGD3213	821102	4500-S	T002	4500-N	249				
1926	M740001	AGD3215	821102	4500-S	T002	4500-N	A125				
1927	M740001	AGD3216	821102	4500-S	T002	4500-N	G029				
1928	M740001	AGD3227	821102	4500-S	T002	4500-N	C.A.				
1929	M740001	AGD3235	830110	4500-S	T002	4500-N	249				
1930	M740001	AGD3236	821102	4500-S	T002	4500-N	125Q				
1931	M740001	AGD3237	850305	4500-S	T002	4500-N	125K				
1932	M740001	AGD3238	821102	4500-S	T002	4500-N	125H				
1933	M740001	AGD3241	901207	4500-S	T002	4500-N	269				
1934	M740001	AGD3244	821102	4500-S	T002	4500-N	125D				
1935	M740001	AGD3246	821102	4500-S	T002	4500-N	I210				
1936	M740001	AGD3258	840525	4500-S	T002	4500-N	206				
1937	M740001	AGD3319	821102	4500-S	T002	4500-N	H205				
1938	M740001	AGD3320	821102	4500-S	T002	4500-N	H205				
1939	M740001	AGD3333	821102	4500-S	T002	4500-N	125M				
1940	M740001	AGD3351	821102	4500-S	T002	4500-N	259				
1941	M740001	AGD3352	821102	4500-S	T002	4500-N	I210				
1942	M740001	AGD3357	851007	4500-S	T002	4500-N	152				
1943	M740001	AGD3376	850701	4500-S	T002	4500-N	255				
1944	M740001	AGD3407	830902	4500-S	T002	4500-N	164				
1945	M740001	AGD3428	840306	4500-S	T002	4500-N	125S				
1946	M740001	AGD3452	821102	4500-S	T002	4500-N	I205				
1947	M740001	AGD3466	821102	4500-S	T002	4500-N	H028				
1948	M740001	AGD3486	931026	4500-S	T002	4500-N	I102				
1949	M740001	AGD3487	821102	4500-S	T002	4500-N	I107				
1950	M740001	AGD3777	811006	4500-S	T002	4500-N	4				
1951	M740001	AGD3813	811120	4500-S	T002	4500-N	G029				

	A	B	C	D	E	F	G	H	I	J	K
1	Main Acct.	Line Number	Active Date	Building 1	Room 1	Building 2	Room 2	Building 3	Room 3	Building 4	Room 4
1952	M740001	AGD3814	821102	4500-S	T002	4500-N	G029				
1953	M740001	AGD3889	811120	4500-S	T002	4500-N	4				
1954	M740001	AGD4203	870603	4500-S	T028	4500-N	270				
1955	M740001	AGD4337	850329	4500-S	T002	4500-N	G17C				
1956	M740001	AGD4340	811208	4500-S	T002	4500-N	I205				
1957	M740001	AGD4344	811216	4500-S	T002	4500-N	E030				
1958	M740001	AGD4480	831031	4500-S	T002	4500-N	K250				
1959	M740001	AGD4516	831103	4500-S	T002	4500-N	K254				
1960	M740001	AGD4517	831111	4500-S	T002	4500-N	K254				
1961	M740001	AGD4518	831103	4500-S	T002	4500-N	K256				
1962	M740001	AGD4550	821102	4500-S	T002	4500-N	218				
1963	M740001	AGD4553	801204	4500-S	T002	4500-N	K235				
1964	M740001	AGD4597	801204	4500-S	T002	4500-N	D012				
1965	M740001	AGD4606	830125	4500-S	T002	4500-N	K221				
1966	M740001	AGD4643	810126	4500-S	T002	4500-N	K242				
1967	M740001	AGD4704	850412	4500-S	T002	4500-N	D001				
1968	M740001	AGD4707	840623	4500-S	T002	4500-N	139				
1969	M740001	AGD4708	831202	4500-S	T002	4500-N	J109				
1970	M740001	AGD4809	850327	4500-S	T002	4500-N	H205				
1971	M740001	AGD4810	840110	4500-S	T002	4500-N	H205				
1972	M740001	AGD4884	821217	4500-S	T002	4500-N	I103				
1973	M740001	AGD4885	850610	4500-S	T002	4500-N	168				
1974	M740001	GD10539	881117	4500-S	H252	4500-N	294				
1975	M740001	GD10612	920127	4500-S	B-62	4500-N	COMP				
1976	M740001	GD11664	851018	4500-S	C160	4500-N	294				
1977	M740001	GD11773	841108	4500-S	B-60	4500-N	270				
1978	M740001	GD12410	880218	4500-S	B158	4500-N	294				
1979	M740001	GD12426	870309	4500-S	H257	4500-N	PDP				
1980	M740001	GD12518	870309	4500-S	H261	4500-N	294				
1981	M740001	GD12586	850724	4500-S	S172	4500-N	294				
1982	M740001	GD12666	841102	4500-S	G-49	4500-N	270				
1983	M740001	GD12888	871113	4500-S	S278	4500-N	COMP				
1984	M740001	GD12979	880613	4500-S	S259	4500-N	COMP				
1985	M740001	GD13749	850731	4500-S	G63B	4500-N	294				
1986	M740001	GD13807	850911	4500-S	S226	4500-N	294				
1987	M740001	GD14361	850913	4500-S	G63A	4500-N	COMP				
1988	M740001	GD14591	851011	4500-S	R247	4500-N	294				
1989	M740001	GD14799	850307	4500-S	D61	4500-N	294				
1990	M740001	GD15597	870312	4500-S	H261	4500-N	294				

	A	B	C	D	E	F	G	H	I	J	K
1	Main Acct.	Line Number	Active Date	Building 1	Room 1	Building 2	Room 2	Building 3	Room 3	Building 4	Room 4
1991	M740001	GD15943	880607	4500-S	G63A	4500-N	COMP				
1992	M740001	GD16776	841220	4500-S	E147	4500-N	270				
1993	M740001	GD16833	850730	4500-S	F158	4500-N	COMP				
1994	M740001	GD18149	841115	4500-S	F258	4500-N	270				
1995	M740001	GD18241	850829	4500-S	S212	4500-N	COMP				
1996	M740001	GD18513	871029	4500-S	S220	4500-N	COMP	4500-S	S219		
1997	M740001	GD19324	860625	4500-S	S107	4500-N	294				
1998	M740001	GDP0815	930209	4500-S	E058	4500-N	270				
1999	M740001	GDP0853	920528	4500-S	R251	4500-N	COMP				
2000	M740001	LA00052	900912	4500-S	W02D	4500-N	270				
2001	M740001	LA00057	901009	4500-S	R169	4500-N	270				
2002	M740001	LA00088	900606	4500-S	A162	4500-N	270				
2003	M740001	LA00533	930902	4500-S	R203	4500-N	270				
2004	M740001	LA00748	901004	4500-S	120	4500-N	270				
2005	M740001	LA01699	900705	4500-S	G254	4500-N	270				
2006	M740001	LA02458	900914	4500-S	D159	4500-N	270				
2007	M740001	LA03032	900212	4500-S	A156	4500-N	270				
2008	M740001	LA03361	901010	4500-S	H247	4500-N	270				
2009	M740001	LA03797	900813	4500-S	E254	4500-N	270				
2010	M740001	LA04174	900910	4500-S	E262	4500-N	270				
2011	M740001	LA04691	900813	4500-S	E254	4500-N	270				
2012	M740001	LA06764	901017	4500-S	C252	4500-N	270				
2013	M740001	LA08534	900530	4500-S	G056	4500-N	270				
2014	M740001	LA08864	900606	4500-S	A148	4500-N	270				
2015	M740001	LA08961	920824	4500-S	G255	4500-N	294				
2016	M740001	LA10142	860123	4500-S	T005	4500-N	G011				
2017	M740001	LA10994	851106	4500-S	G256	4500-N	294				
2018	M740001	LA11546	910305	4500-S	A254	4500-N	270				
2019	M740001	LA13835	910923	4500-S	G264	4500-N	MUX				
2020	M740001	LA14259	911007	4500-S	D142	4500-N	MUX				
2021	M740001	LA14592	920221	4500-S	252A	4500-N	294				
2022	M740001	LA15065	910618	4500-S	T001	4500-N	270				
2023	M740001	LA15612	890303	4500-S	G255	4500-N	294				
2024	M740001	LA16108	911007	4500-S	S107	4500-N	MUX				
2025	M740001	LA17835	880301	4500-S	C049	4500-N	COMP				
2026	M740001	LA20662	921023	4500-S	C250	4500-N	MUX				
2027	M740001	LA23836	921023	4500-S	G255	4500-N	MUX				
2028	M740001	LA26755	921020	4500-S	A172	4500-N	MUX				
2029	M740001	LA28413	921005	4500-S	135A	4500-N	294				

	A	B	C	D	E	F	G	H	I	J	K
1	Main Acct.	Line Number	Active Date	Building 1	Room 1	Building 2	Room 2	Building 3	Room 3	Building 4	Room 4
2030	M740001	LA36672	930726	4500-S	T002	4500-N	294				
2031	M740001	LA61003	861125	4500-S	S176	4500-N	270				
2032	M740001	LA61649	861021	4500-S	S107	4500-N	270				
2033	M740001	LA62847	860804	4500-S	H150	4500-N	296				
2034	M740001	LA62996	861125	4500-S	S178	4500-N	270				
2035	M740001	LA63044	860320	4500-S	F052	4500-N	270				
2036	M740001	LA63943	901113	4500-S	H249	4500-N	MUX				
2037	M740001	LA64231	861125	4500-S	S180	4500-N	270				
2038	M740001	LA64820	861230	4500-S	H152	4500-N	270				
2039	M740001	LA65659	870102	4500-S	D156	4500-N	270				
2040	M740001	LA65933	900503	4500-S	B258	4500-N	296				
2041	M740001	LA66524	861001	4500-S	B054	4500-N	270				
2042	M740001	LA67136	861007	4500-S	S228	4500-N	270				
2043	M740001	LA69187	860929	4500-S	H248	4500-N	270				
2044	M740001	LA70226	870202	4500-S	D254	4500-N	270				
2045	M740001	LA70511	870924	4500-S	E156	4500-N	270				
2046	M740001	LA71144	870924	4500-S	S143	4500-N	270				
2047	M740001	LA72123	890515	4500-S	T003	4500-N	G056				
2048	M740001	LA72664	870924	4500-S	R143	4500-N	270				
2049	M740001	LA72940	870305	4500-S	E256	4500-N	270				
2050	M740001	LA73341	881130	4500-S	E064	4500-N	VAX3				
2051	M740001	LA75310	900503	4500-S	T024	4500-N	270				
2052	M740001	LA75510	900504	4500-S	D063	4500-N	270				
2053	M740001	LA75958	871125	4500-S	H248	4500-N	270				
2054	M740001	LA80112	900213	4500-S	A162	4500-N	270				
2055	M740001	LA80194	881118	4500-S	S152	4500-N	270				
2056	M740001	LA80916	881130	4500-S	T001	4500-N	270				
2057	M740001	LA81479	880422	4500-S	S203	4500-N	270				
2058	M740001	LA81793	880711	4500-S	E048	4500-N	270				
2059	M740001	LA81988	900306	4500-S	47-1	4500-N	270				
2060	M740001	LA82852	880510	4500-S	R215	4500-N	270				
2061	M740001	LA83101	880407	4500-S	F062	4500-N	270				
2062	M740001	LA83129	880702	4500-S	C163	4500-N	270				
2063	M740001	LA83205	880422	4500-S	203	4500-N	270				
2064	M740001	LA84256	880818	4500-S	E-48	4500-N	270				
2065	M740001	LA84479	930309	4500-S	B155	4500-N	270				
2066	M740001	LA85639	900416	4500-S	A274	4500-N	270				
2067	M740001	LA85674	880229	4500-S	C254	4500-N	270				
2068	M740001	LA86218	880229	4500-S	G063	4500-N	270				

	A	B	C	D	E	F	G	H	I	J	K
1	Main Acct.	Line Number	Active Date	Building 1	Room 1	Building 2	Room 2	Building 3	Room 3	Building 4	Room 4
2069	M740001	LA86531	880818	4500-S	B160	4500-N	270				
2070	M740001	LA87502	880609	4500-S	A160	4500-N	270				
2071	M740001	LA88199	900212	4500-S	A148	4500-N	270				
2072	M740001	LA88409	880405	4500-S	G263	4500-N	270				
2073	M740001	LA88640	880509	4500-S	H251	4500-N	270				
2074	M740001	LA88693	921012	4500-S	A158	4500-N	270				
2075	M740001	LA88779	880316	4500-S	F148	4500-N	270				
2076	M740001	LA89127	880225	4500-S	F060	4500-N	294				
2077	M740001	LA89613	880912	4500-S	T012	4500-N	270				
2078	M740001	LA89672	890123	4500-S	E048	4500-N	270				
2079	M740001	LA89818	880719	4500-S	A265	4500-N	270				
2080	M740001	LA90006	890605	4500-S	S118	4500-N	294				
2081	M740001	LA91715	890915	4500-S	S207	4500-N	270				
2082	M740001	LA92191	890725	4500-S	H257	4500-N	294				
2083	M740001	LA92921	890908	4500-S	A158	4500-N	270				
2084	M740001	LA93816	890902	4500-S	D55C	4500-N	270				
2085	M740001	LA94124	900503	4500-S	F155	4500-N	270				
2086	M740001	LA94804	890724	4500-S	S126	4500-N	270				
2087	M740001	LA95332	900606	4500-S	E256	4500-N	270				
2088	M740001	LA96812	900606	4500-S	E262	4500-N	270				
2089	M740001	LA97886	891018	4500-S	R211	4500-N	270				
2090	M740001	LA98652	900606	4500-S	E256	4500-N	270				
2091	M740001	LA98900	890926	4500-S	G063	4500-N	270				
2092	M740001	LA99142	890706	4500-S	D058	4500-N	270				
2093	M740001	LAP0018	860814	4500-S	T002	4500-N	294				
2094	M740001	LAP0535	901129	4500-S	T002	4500-N	290				
2095	M740001	AGD1473	821102	4500-S	T002	4500-S	S204	7503	13		
2096	M740001	AGD3462	840918	4500-S	T002	4500-S	S107	7503	10-H		
2097	M740001	AGD4634	830325	4500-S	T002	4500-S	R277	4508	235B		
2098	M740001	GD09975	900621	4500-S	E252	4500-S	T002	4500-N	E250		
2099	M740001	DHD3132	901116	4500-S	T002	9204-2E	COMP				
2100	M740001	GD10227	860303	4500-S	T002	K-1007	1003				
2101	M740001	AGD0426	840321	4506-S	T002	4500-N	K108				
2102	M740001	LA11472	881123	5500-A	218	4500-N	270				
2103	M740001	LA31692	930308	5500-A	A204	4500-S	T002				
2104	M740001	LA30338	930126	5510-A	211	3500	B023				
2105	M740001	H500334	930413	55JEFF	C103	9117	133D				
2106	M740001	GD94421	890306	55JEFF	C103	K-1007	1003				
2107	M740001	HWD0800	900905	55JEFF	C104	K-1007	1003				

	A	B	C	D	E	F	G	H	I	J	K
1	Main Acct.	Line Number	Active Date	Building 1	Room 1	Building 2	Room 2	Building 3	Room 3	Building 4	Room 4
2108	M740001	GD72544	870330	55JEFF	217	K-1023	VAX2				
2109	M740001	LA01389	900202	6026-B	TRLR	4500-S	T002				
2110	M740001	LA93913	891026	6556-A		4500-N	270				
2111	M740001	LA25128	920918	6556-C	TRLR	4500-N	MUX				
2112	M740001	LA33556	930629	6556-C	1	4500-N	294				
2113	M740001	LA34377	930618	6556-C	TRLR	4500-N	294				
2114	M740001	LA38805	930618	6556-C	TRLR	4500-N	294				
2115	M740001	H500196	920804	701SCA	B316	9702	MUX				
2116	M740001	GD22035	930930	702SIA	MUX	9702	MUX				
2117	M740001	GD22035	931011	702SIA	MUX	9702	MUX				
2118	M740001	LA15521	910827	7078-A	MUX	4508	MUX				
2119	M740001	LA20719	920206	7078-C	C122	7001	COMP				
2120	M740001	LA13352	910509	7603-A	ALAB	7603	256				
2121	M740001	LA19517	910509	7603-A	ALAB	7603	256				
2122	M740001	LA07401	910225	7831-B	WEST	4500-S	T002				
2123	M740001	GD31248	930811	78MIT	TC	9702	CABT				
2124	M740001	GD37467	930812	78MIT	TC	9702	CABT				
2125	M740001	LA83702	880309	7964-A	5	4500-N	294				
2126	M740001	LA84379	880404	7964-A	5	4500-N	294				
2127	M740001	LA85334	880404	7964-A	5	4500-N	294				
2128	M740001	LA85484	880404	7964-A	5	4500-N	294				
2129	M740001	LA86635	880404	7964-A	5	4500-N	294				
2130	M740001	LA86832	880404	7964-A	5	4500-N	294				
2131	M740001	LA80400	880404	7964-A	5	7964-B	6				
2132	M740001	LA80591	880404	7964-A	5	7964-B	4				
2133	M740001	LA81575	880404	7964-A	2	7964-B	7				
2134	M740001	LA82112	880404	7964-A	5	7964-B	11				
2135	M740001	LA84007	880404	7964-A	5	7964-B	9				
2136	M740001	LA84955	880404	7964-A	1	7964-B	294				
2137	M740001	LA86737	880404	7964-A	5	7964-B	7				
2138	M740001	LA88230	880404	7964-A	5	7964-B	12				
2139	M740001	LA88612	880404	7964-A	5	7964-B	3				
2140	M740001	LA12441	911031	7964-B	MUX	4508	MUX				
2141	M740001	LA98361	920121	7964-B	MUX	7910	MUX				
2142	M740001	LA82538	880401	7964-B	15	7964-A	5				
2143	M740001	LA90278	910311	7964-B	1	7964-A	MUX				
2144	M740001	LA99295	890321	7964-B	10	7964-A	MUX				
2145	M740001	LA03948	901015	7964-D	OFFC	7964-B	MUX				
2146	M740001	LA08349	901015	7964-D	OFFC	7964-B	MUX				

	A	B	C	D	E	F	G	H	I	J	K
1	Main Acct.	Line Number	Active Date	Building 1	Room 1	Building 2	Room 2	Building 3	Room 3	Building 4	Room 4
2147	M740001	LA08736	901015	7964-D	OFFC	7964-B	MUX				
2148	M740001	LA09543	901015	7964-D	OFFC	7964-B	MUX				
2149	M740001	LA98815	890315	7964-E	CRNR	4500-S	T002				
2150	M740001	AGD2924	910109	7965-A	2	4500-S	T002				
2151	M740001	LA08734	920519	7965-C	5	4500-N	270				
2152	M740001	DHD3516	910920	800TPK	B009	K-1007	MUX				
2153	M740001	AGD3515	860818	9102-2	108	9108	220	91022	108	9104-2	14
2154	M740001	AGD3516	860818	9102-2	108	9108	220	9104-2	14		
2155	M740001	AGD2982	880913	9102-2	110	9702	MUX				
2156	M740001	AGD3003	900918	9102-2	210	9702	MUX				
2157	M740001	LA60818	861121	9102-2	114	9702	MUX				
2158	M740001	LA62978	860708	9102-2	201	9702	MUX				
2159	M740001	LA64113	860623	9102-2	101	9702	MUX				
2160	M740001	AGD4986	880916	9102-2	109	9104-2	MUX				
2161	M740001	LA64778	870303	9104-2	MUX	9103	129D				
2162	M740001	GD13993	850220	9104-2	MUX	9764	10				
2163	M740001	GD16884	850221	9104-2	MUX	9764	10				
2164	M740001	GD10505	850318	9104-2	MUX	9102-2	108				
2165	M740001	AGD0908	840623	9104-2	MUX	9104-3	18				
2166	M740001	AGD0909	840623	9104-2	MUX	9104-3	20				
2167	M740001	GD17433	850613	9104-2	MUX	9104-3	19				
2168	M740001	GD10041	850729	9104-2	MUX	9201-2	131				
2169	M740001	GD15482	850729	9104-2	MUX	9201-2	130				
2170	M740001	AGD0582	850206	9104-2	MUX	9201-3	387				
2171	M740001	AGD0583	850206	9104-2	MUX	9201-3	377				
2172	M740001	AGD0584	850206	9104-2	MUX	9201-3	363				
2173	M740001	AGD2986	850206	9104-2	MUX	9201-3	361				
2174	M740001	AGD2987	850206	9104-2	MUX	9201-3	354				
2175	M740001	GD15473	850729	9104-2	MUX	9201-3	108				
2176	M740001	LA13416	851211	9104-2	MUX	9201-3	380				
2177	M740001	LA15074	860115	9104-2	MUX	9201-3	373				
2178	M740001	GD17892	850724	9104-2	MUX	9204-1	155B				
2179	M740001	AGD3506	840924	9104-2	14	9704-1	7	9104-3	23		
2180	M740001	GD14374	850523	9104-2	MUX	9706-1	120				
2181	M740001	GD19369	850723	9104-2	MUX	9720-3	2				
2182	M740001	LA76650	870202	9104-3	21	9104-2	MUX				
2183	M740001	LA67375	900228	9201-1	205	9106	MUX				
2184	M740001	AGD1587	931026	9201-1	210	9702	MUX	92011	202		
2185	M740001	AGD1592	921209	9201-1	210	9702	MUX				

	A	B	C	D	E	F	G	H	I	J	K
1	Main Acct.	Line Number	Active Date	Building 1	Room 1	Building 2	Room 2	Building 3	Room 3	Building 4	Room 4
2186	M740001	AGD2184	921016	9201-1	MEZZ	9702	MUX	9215	TERM		
2187	M740001	AGD2212	880702	9201-1	2069	9702	MUX				
2188	M740001	GD15537	870428	9201-1	301	9702	MUX				
2189	M740001	LA01183	900906	9201-1	SHOP	9702	MUX				
2190	M740001	LA02059	900917	9201-1	MANT	9702	MUX				
2191	M740001	LA04318	900918	9201-1	INSP	9702	MUX				
2192	M740001	LA05505	931213	9201-1	304	9702	MUX				
2193	M740001	LA06312	900906	9201-1	SHOP	9702	MUX				
2194	M740001	LA07446	900906	9201-1	SHOP	9702	MUX				
2195	M740001	LA07867	900906	9201-1	SHOP	9702	MUX				
2196	M740001	LA11211	910613	9201-1	MNTC	9702	MUX				
2197	M740001	LA11373	891211	9201-1	201	9702	MUX				
2198	M740001	LA12076	920212	9201-1	301	9702	MUX				
2199	M740001	LA12626	911023	9201-1	213	9702	MUX				
2200	M740001	LA15874	920214	9201-1	L-18	9702	MUX				
2201	M740001	LA16346	910218	9201-1	SS-7	9702	MUX				
2202	M740001	LA19462	910613	9201-1	1FLR	9702	MUX				
2203	M740001	LA20849	920804	9201-1	SHOP	9702	MUX				
2204	M740001	LA24626	920501	9201-1	213	9702	MUX				
2205	M740001	LA25433	930218	9201-1	209	9702	MUX				
2206	M740001	LA29730	920507	9201-1	RMKS	9702	MUX				
2207	M740001	LA68403	860426	9201-1	1	9702	MUX				
2208	M740001	LA73096	920211	9201-1	307	9702	MUX				
2209	M740001	LA81750	881216	9201-1		9702	MUX				
2210	M740001	LA82297	910215	9201-1	SS-8	9702	355				
2211	M740001	LA83102	880721	9201-1	206	9702	MUX				
2212	M740001	LA84942	880812	9201-1		9702	MUX				
2213	M740001	LA85834	911017	9201-1	SHOP	9702	MUX				
2214	M740001	LA86853	881004	9201-1	DISP	9702	MUX				
2215	M740001	LA89082	881216	9201-1		9702	MUX				
2216	M740001	LA69398	910522	9201-1	306	9739	MUX				
2217	M740001	LA82265	890426	9201-1	303	9996	MUX				
2218	M740001	LA87854	920123	9201-1	L-18	9996	MUX				
2219	M740001	GD19492	850724	9201-1	204	9104-2	MUX				
2220	M740001	LA13922	890817	9201-1	204	9104-2	MUX				
2221	M740001	LA07169	901213	9201-1	SHOP	9704-1	MUX				
2222	M740001	LA82770	880930	9201-1	103	9704-1	MUX				
2223	M740001	LA87395	900410	9201-1	SHOP	9704-2	MUX				
2224	M740001	LA93503	930902	9201-1	101	9704-2	MUX				

	A	B	C	D	E	F	G	H	I	J	K
1	Main Acct.	Line Number	Active Date	Building 1	Room 1	Building 2	Room 2	Building 3	Room 3	Building 4	Room 4
2225	M740001	LA11491	910314	9201-2	1FLR	9702	MUX				
2226	M740001	LA80491	880125	9201-2	132	9702	MUX				
2227	M740001	LA80859	881117	9201-2	285	9702	MUX				
2228	M740001	LA81206	881116	9201-2	170	9702	MUX				
2229	M740001	LA82900	881119	9201-2	290	9702	MUX				
2230	M740001	LA86646	880125	9201-2	132	9702	MUX				
2231	M740001	LA87626	881122	9201-2	279G	9702	MUX				
2232	M740001	LA88439	880126	9201-2	157	9702	MUX				
2233	M740001	AGD4439	820129	9201-2	201	9104-2	HALL				
2234	M740001	AGD4443	820129	9201-2	201	9104-2	HALL				
2235	M740001	GD10656	871116	9201-2	133A	9104-2	MUX				
2236	M740001	LA92596	920401	9201-2	279G	9104-2	MUX				
2237	M740001	GD11059	850507	9201-3	184	9106	MUX				
2238	M740001	AGD3474	900220	9201-3	319	9702	MUX				
2239	M740001	LA13515	910218	9201-3	111A	9702	355				
2240	M740001	LA13526	910822	9201-3	348	9702	MUX				
2241	M740001	LA14243	910913	9201-3	CONF	9702	MUX				
2242	M740001	LA15463	910822	9201-3	351	9702	MUX				
2243	M740001	LA16281	910910	9201-3	231	9702	MUX				
2244	M740001	LA17313	920224	9201-3	FLR2	9702	MUX				
2245	M740001	LA17966	910218	9201-3	121	9702	MUX				
2246	M740001	LA19108	910905	9201-3	228	9702	MUX				
2247	M740001	LA19302	910218	9201-3	175	9702	MUX				
2248	M740001	LA66803	860403	9201-3	102	9702					
2249	M740001	LA80427	881005	9201-3	374C	9702	MUX				
2250	M740001	LA83098	880111	9201-3	377	9702	MUX				
2251	M740001	LA86396	920518	9201-3	220	9702	MUX				
2252	M740001	LA87140	881001	9201-3	374B	9702	MUX				
2253	M740001	LA94043	890323	9201-3	162A	9702	MUX				
2254	M740001	AGD3531	890517	9201-3	171	9104-2	MUX				
2255	M740001	GD11587	881228	9201-3	182	9104-2	MUX				
2256	M740001	GD15338	890822	9201-3	355	9104-2	MUX				
2257	M740001	GDP0175	920722	9201-3	186	9104-2	MUX				
2258	M740001	GDP3528	920722	9201-3	177	9104-2	14				
2259	M740001	LA02902	900718	9201-3	2493	9104-2	MUX				
2260	M740001	LA03738	900427	9201-3	301	9104-2	MUX				
2261	M740001	LA06457	900427	9201-3	307	9104-2	MUX				
2262	M740001	LA09126	900427	9201-3	305	9104-2	MUX				
2263	M740001	LA15116	920210	9201-3	M303	9104-2	MUX				

	A	B	C	D	E	F	G	H	I	J	K
1	Main Acct.	Line Number	Active Date	Building 1	Room 1	Building 2	Room 2	Building 3	Room 3	Building 4	Room 4
2264	M740001	LA63171	860804	9201-3	397	9104-2	MUX				
2265	M740001	LA69894	860821	9201-3	379	9104-2	MUX				
2266	M740001	LA79233	871124	9201-3	104	9104-2	MUX				
2267	M740001	LA81270	880801	9201-3	373	9104-2	MUX				
2268	M740001	LA84381	880801	9201-3	162B	9104-2	MUX				
2269	M740001	LA87805	880801	9201-3	162D	9104-2	MUX				
2270	M740001	LA88783	880801	9201-3	162C	9104-2	MUX				
2271	M740001	LA89156	910905	9201-3	357	9104-2	MUX				
2272	M740001	LA91496	900201	9201-3	129	9104-2	MUX				
2273	M740001	LA94557	910226	9201-3	170	9104-2	MUX				
2274	M740001	LA99149	890214	9201-3	338	9104-2	MUX				
2275	M740001	LA73277	870528	9201-4	222	9103	MUX				
2276	M740001	GD17955	880310	9201-4	202	9702	MUX				
2277	M740001	AGD3858	851219	9201-4	210A	9739	106				
2278	M740001	AGD3859	850717	9201-4	201	9739	106				
2279	M740001	LA73437	880421	9201-4	206	9766	MUX				
2280	M740001	AGD2967	840725	9201-4	265	9201-5	F243				
2281	M740001	LA72933	880114	9201-5	906	9103	MUX				
2282	M740001	LA72973	920427	9201-5	MUX	9103	129D				
2283	M740001	LA74858	880114	9201-5	906	9103	MUX				
2284	M740001	LA89568	901031	9201-5	M004	9207	MUX				
2285	M740001	AGD1108	880419	9201-5	M004	9208	8111				
2286	M740001	LA00875	900716	9201-5	G034	9702	MUX				
2287	M740001	LA04175	900912	9201-5	44	9702	MUX				
2288	M740001	LA06963	900716	9201-5	104	9702	MUX				
2289	M740001	LA08664	930126	9201-5	BSMT	9702	MUX				
2290	M740001	LA09583	900126	9201-5	SHOP	9702	MUX				
2291	M740001	LA11345	910220	9201-5	F257	9702	MUX				
2292	M740001	LA11863	890619	9201-5	898	9702	MUXX				
2293	M740001	LA13513	910220	9201-5	223	9702	MUX				
2294	M740001	LA15015	920304	9201-5	SHOP	9702	MUX				
2295	M740001	LA18174	910815	9201-5	219	9702	MUX				
2296	M740001	LA18704	910114	9201-5	111	9702	MUX				
2297	M740001	LA19343	910314	9201-5	M013	9702	MUX				
2298	M740001	LA72022	870313	9201-5	358	9702	MUX				
2299	M740001	LA77137	930208	9201-5	G008	9702	MUX				
2300	M740001	LA80766	900904	9201-5	4	9702	MUX				
2301	M740001	GD12985	841228	9201-5	MUX	9201-5E	4				
2302	M740001	GD17484	841227	9201-5	MUX	9201-5W	205				

	A	B	C	D	E	F	G	H	I	J	K
1	Main Acct.	Line Number	Active Date	Building 1	Room 1	Building 2	Room 2	Building 3	Room 3	Building 4	Room 4
2303	M740001	GD11851	861119	9201-5	354	9404-4	MUX				
2304	M740001	LA93775	900130	9201-5	G-33	9723-14	MUX				
2305	M740001	LA10348	910802	9201-5E	111	9702	MUX				
2306	M740001	LA22661	920430	9201-5E	103B	9702	MUX				
2307	M740001	LA24363	920504	9201-5E	112	9702	MUX				
2308	M740001	LA82004	900925	9201-5E	1	9702	MUX				
2309	M740001	AGD1594	881102	9201-5E	102	9201-5	MUX	9201-5	3		
2310	M740001	GD02124	900216	9201-5E	105	9201-5	MUX				
2311	M740001	AGD1595	930324	9201-5N	108	9702	MUX				
2312	M740001	AGD2579	931209	9201-5N	220	9702	MUX				
2313	M740001	GD17388	930121	9201-5N	224	9702	MUX				
2314	M740001	LA02110	900802	9201-5N	F231	9702	MUX				
2315	M740001	LA03399	900801	9201-5N	F231	9702	MUX				
2316	M740001	LA07772	930324	9201-5N	109	9702	MUX				
2317	M740001	LA11468	891122	9201-5N	207	9702	MUX				
2318	M740001	LA12869	910614	9201-5N	219	9702	MUX				
2319	M740001	LA14513	910614	9201-5N	126	9702	MUX				
2320	M740001	LA29385	920528	9201-5N	229	9702	MUX				
2321	M740001	LA30946	930830	9201-5N	224	9702	MUX				
2322	M740001	LA32484	930913	9201-5N	219	9702	TEL				
2323	M740001	LA62463	870105	9201-5N	214	9702	MUX				
2324	M740001	LA89248	910523	9201-5N	126	9702	MUX				
2325	M740001	LA91903	890410	9201-5N	204	9702	MUX				
2326	M740001	LA96208	891205	9201-5N	207	9702	MUX				
2327	M740001	LA97043	890320	9201-5N	222	9702	MUX				
2328	M740001	GD11244	910910	9201-5N	205	9201-5	MUX				
2329	M740001	LA00594	900712	9201-5N	209	9704-1	MUX				
2330	M740001	LA18832	901114	9201-5N	218	9983-67	MUX	9702	MUX		
2331	M740001	LA79595	890907	9201-5W	207	9702	MUX				
2332	M740001	LA80048	900904	9201-5W	7	9702	MUX				
2333	M740001	LA81050	931119	9201-5W	203	9702	MUX				
2334	M740001	AGD1593	880708	9201-5W	203	9201-5	22				
2335	M740001	AGD2126	881114	9201-5W	101	9201-5	MUX				
2336	M740001	GDP2122	900531	9201-5W	103	9201-5	MUX				
2337	M740001	LA10251	880420	9201-5W	205D	9201-5	MUX				
2338	M740001	LA73387	881130	9201-5W	106	9201-5	MUX				
2339	M740001	LA82970	880921	9201-5W	107	9201-5	MUX				
2340	M740001	LA90216	930218	9201-5W	206	9201-5	MUX				
2341	M740001	LA94475	890114	9201-5W	G047	9201-5	MUX				

	A	B	C	D	E	F	G	H	I	J	K
1	Main Acct.	Line Number	Active Date	Building 1	Room 1	Building 2	Room 2	Building 3	Room 3	Building 4	Room 4
2342	M740001	LA94734	890118	9201-5W		9201-5	MUX				
2343	M740001	AGD1192	880705	9201-5W	110	9704-1	1				
2344	M740001	LA25125	920813	9204-1	MUX	9103	129				
2345	M740001	D500291	921023	9204-1	289	9117	140				
2346	M740001	GD14499	921009	9204-1	325	9207	MUX				
2347	M740001	GD15513	921009	9204-1	333	9207	MUX				
2348	M740001	LA06157	901201	9204-1	412	9702	MUX				
2349	M740001	LA07612	901201	9204-1	412	9702	MUX				
2350	M740001	LA14849	910529	9204-1	375	9702	MUX				
2351	M740001	LA15203	910529	9204-1	375	9702	MUX				
2352	M740001	LA78700	921113	9204-1	155	9702	MUX				
2353	M740001	LA99837	890410	9204-1	270	9702	MUX				
2354	M740001	LA25552	920817	9204-1	MUX	9204-2E	COMP				
2355	M740001	LA85063	880929	9204-1	119	9704-1	MUX				
2356	M740001	LA86645	880711	9204-2	MUX	9103	129D				
2357	M740001	LA13000	920114	9204-2	MUX	9106	MUX				
2358	M740001	LA77338	871211	9204-2	MUX	9106	MUX				
2359	M740001	LA04192	901123	9204-2	FLR1	9702	MUX				
2360	M740001	LA06876	910110	9204-2	1FLR	9702	MUX				
2361	M740001	LA10761	910319	9204-2	1FLR	9702	MUX				
2362	M740001	LA15637	910416	9204-2	SHOP	9702	MUX				
2363	M740001	LA19425	910319	9204-2	1FLR	9702	MUX				
2364	M740001	LA31296	931112	9204-2	5	9702	MUX				
2365	M740001	LA83244	900326	9204-2	M016	9702	MUX				
2366	M740001	LA75773	871211	9204-2	MUX	9709	MUX				
2367	M740001	GD19062	920514	9204-2	MO01	9766	MUX				
2368	M740001	LA85581	881130	9204-2	FLR1	9204-1	MUX				
2369	M740001	AGD0227	880121	9204-2	MUX	9204-2E	337				
2370	M740001	AGD1089	880120	9204-2	MUX	9204-2E	M210	9204-4	305		
2371	M740001	AGD2720	880126	9204-2	MUX	9204-2E	121				
2372	M740001	GD10955	880915	9204-2	4	9204-2E	MUX				
2373	M740001	GDP0206	880121	9204-2	MUX	9204-2E	135				
2374	M740001	GDP0207	880119	9204-2	MUX	9204-2E	M201				
2375	M740001	GDP0208	900619	9204-2	MUX	9204-2E	204				
2376	M740001	LA60811	880323	9204-2	MUX	9204-2E	M208				
2377	M740001	LA12913	910808	9204-2	SUB	9720-8	150				
2378	M740001	LA17971	910808	9204-2	SUB	9720-8	150				
2379	M740001	LA08915	920320	9204-2	3FLR	9723-14	MUX				
2380	M740001	LA92521	920213	9204-2	260A	972311A	MUX				

	A	B	C	D	E	F	G	H	I	J	K
1	Main Acct.	Line Number	Active Date	Building 1	Room 1	Building 2	Room 2	Building 3	Room 3	Building 4	Room 4
2381	M740001	DHD3085	901116	9204-2E	COMP	9103	129				
2382	M740001	LA75979	871208	9204-2E	M101	9103	129D				
2383	M740001	LA79360	871208	9204-2E	M101	9103	129D				
2384	M740001	LA83568	910305	9204-2E	COMP	9103	114E				
2385	M740001	LA84974	910305	9204-2E	COMP	9106	MUX				
2386	M740001	LA82343	910305	9204-2E	COMP	9112	MUX				
2387	M740001	LA72081	910305	9204-2E	COMP	9113	MUXW				
2388	M740001	LA74252	910305	9204-2E	COMP	9113	MUXE				
2389	M740001	LA77516	910305	9204-2E	COMP	9116	138				
2390	M740001	LA79057	910305	9204-2E	COMP	9207	MUX				
2391	M740001	LA11390	910401	9204-2E	COMP	9208	120				
2392	M740001	GD62002	920414	9204-2E	339	9702	MUX	9720-8	143		
2393	M740001	LA02201	920515	9204-2E	320	9702	MUX				
2394	M740001	LA02276	920507	9204-2E	318	9702	MUX				
2395	M740001	LA11314	920228	9204-2E	129	9702	MUX				
2396	M740001	LA22944	920803	9204-2E	3FLR	9702	MUX				
2397	M740001	LA26441	920803	9204-2E	1FLR	9702	MUX				
2398	M740001	LA11316	910401	9204-2E	COMP	9709	MUX				
2399	M740001	LA16795	910401	9204-2E	COMP	9709	EAST				
2400	M740001	LA65061	910305	9204-2E	COMP	9709	205				
2401	M740001	LA11307	910322	9204-2E	COMP	9737	WCC				
2402	M740001	LA11604	910322	9204-2E	COMP	9737	223				
2403	M740001	LA19205	910322	9204-2E	COMP	9737	223				
2404	M740001	LA70240	910306	9204-2E	COMP	9739	MUX				
2405	M740001	LA83910	910305	9204-2E	COMP	9766	MUX				
2406	M740001	LA19065	910403	9204-2E	COMP	9995	MUX				
2407	M740001	LA88794	910305	9204-2E	COMP	9996	MUX				
2408	M740001	DHD3130	901202	9204-2E	COMP	9998	COMP				
2409	M740001	LA18205	910304	9204-2E	COMP	9102-1	8				
2410	M740001	LA65311	910305	9204-2E	COMP	9104-2	MUX				
2411	M740001	DHD3129	910125	9204-2E	COMP	9201-5	MUX				
2412	M740001	LA75720	910305	9204-2E	COMP	9201-5	MUX				
2413	M740001	LA13144	910304	9204-2E	COMP	9204-1	N007				
2414	M740001	LA19362	910304	9204-2E	COMP	9204-1	380M				
2415	M740001	LA19364	910304	9204-2E	COMP	9204-1	MUX				
2416	M740001	GD10881	900501	9204-2E	310	9204-2	MUX				
2417	M740001	LA80042	880307	9204-2E	213	9204-2	MUX				
2418	M740001	LA80368	880313	9204-2E	128	9204-2	MUX				
2419	M740001	LA80557	891012	9204-2E	M233	9204-2	MUX				

	A	B	C	D	E	F	G	H	I	J	K
1	Main Acct.	Line Number	Active Date	Building 1	Room 1	Building 2	Room 2	Building 3	Room 3	Building 4	Room 4
2420	M740001	LA81068	880210	9204-2E	242	9204-2	MUX				
2421	M740001	LA81421	880307	9204-2E	210	9204-2	MUX				
2422	M740001	LA81424	880307	9204-2E	209	9204-2	MUX				
2423	M740001	LA82336	880210	9204-2E	244	9204-2	MUX				
2424	M740001	LA83321	880208	9204-2E	231	9204-2	MUX				
2425	M740001	LA83350	880307	9204-2E	211	9204-2	MUX				
2426	M740001	LA84090	881214	9204-2E	305	9204-2	MUX				
2427	M740001	LA84721	880216	9204-2E	327	9204-2	MUX				
2428	M740001	LA85371	880307	9204-2E	230	9204-2	MUX				
2429	M740001	LA86170	880307	9204-2E	206	9204-2	MUX				
2430	M740001	LA86404	880208	9204-2E	233	9204-2	MUX				
2431	M740001	LA86411	880307	9204-2E	208	9204-2	MUX				
2432	M740001	LA86987	890504	9204-2E	216	9204-2	MUX				
2433	M740001	LA87228	880307	9204-2E	212	9204-2	MUX				
2434	M740001	LA87466	881114	9204-2E	MACH	9204-2	MUX				
2435	M740001	LA87476	880210	9204-2E	18	9204-2	MUX				
2436	M740001	LA87733	880307	9204-2E	209	9204-2	MUX				
2437	M740001	LA87952	880210	9204-2E	245	9204-2	MUX				
2438	M740001	LA87963	920414	9204-2E	240	9204-2	MUX				
2439	M740001	LA88056	880216	9204-2E	321	9204-2	MUX				
2440	M740001	LA88298	880217	9204-2E	220	9204-2	MUX				
2441	M740001	LA88454	880210	9204-2E	246	9204-2	MUX				
2442	M740001	LA88494	880208	9204-2E	240	9204-2	MUX				
2443	M740001	LA89100	880210	9204-2E	232	9204-2	MUX				
2444	M740001	LA89118	910305	9204-2E	COMP	9204-2	MUX				
2445	M740001	LA89433	890921	9204-2E	206M	9204-2	MUX				
2446	M740001	LA89670	880915	9204-2E		9204-2	MUX				
2447	M740001	LA92292	890622	9204-2E	130	9204-2	MUXX				
2448	M740001	GD15295	880920	9204-2E	LAB	9204-2E	MUX	9704-1	MUX	9204-2E	311
2449	M740001	GD15001	880915	9204-2E	315	9704-2	MUX				
2450	M740001	LA83080	910305	9204-2E	COMP	9704-2	MUX				
2451	M740001	GD02503	910306	9204-2E	COMP	9706-2	104				
2452	M740001	LA10158	920103	9204-2E	COMP	9711-5	MUX				
2453	M740001	LA13866	910401	9204-2E	COMP	9720-6	MUX				
2454	M740001	LA17672	910401	9204-2E	COMP	9720-6	MUX				
2455	M740001	LA11457	910402	9204-2E	COMP	9720-8	MUX				
2456	M740001	LA15976	910402	9204-2E	COMP	9720-8	MUX				
2457	M740001	LA73465	910305	9204-2E	COMP	9723-11	MUX				
2458	M740001	LA84057	910305	9204-2E	COMP	9983-62	MUX				

	A	B	C	D	E	F	G	H	I	J	K
1	Main Acct.	Line Number	Active Date	Building 1	Room 1	Building 2	Room 2	Building 3	Room 3	Building 4	Room 4
2459	M740001	GD14873	850729	9204-3	214	9702	MUX	9204-3	214A		
2460	M740001	GD18031	850612	9204-3	214B	9702	MUX				
2461	M740001	LA10617	910426	9204-3	114	9702	MUX				
2462	M740001	LA81146	880926	9204-3	308	9702	MUX				
2463	M740001	LA82464	910215	9204-3	214	9702	MUX				
2464	M740001	LA87385	880926	9204-3	311	9702	MUX				
2465	M740001	LA05228	910125	9204-4	351	9702	MUX				
2466	M740001	LA06714	920313	9204-4	109A	9702	MUX				
2467	M740001	LA07960	920313	9204-4	109	9702	MUX				
2468	M740001	LA21572	920910	9204-4	HOST	9702	MUX				
2469	M740001	LA23037	920910	9204-4		9702	MUX				
2470	M740001	LA84919	881116	9204-4	004A	9702	MUX				
2471	M740001	LA85214	891127	9204-4	107	9702	MUX				
2472	M740001	LA85549	880906	9204-4	4	9702	MUX				
2473	M740001	LA86657	920313	9204-4	109	9702	MUX				
2474	M740001	LA11752	850409	9204-4	317	9104-2	MUX				
2475	M740001	LA70093	870327	9204-4	2	9983-62	MUX				
2476	M740001	LA72019	870327	9204-4	2	9983-62	MUX				
2477	M740001	LA72872	870421	9204-4	110A	9983-62	MUX				
2478	M740001	LA72891	870610	9204-4	253	9983-62	MUX				
2479	M740001	LA73187	910111	9204-4	BETA	9983-62	MUX				
2480	M740001	LA73774	890502	9204-4	254	9983-62	MUX				
2481	M740001	LA74846	870421	9204-4	110B	9983-62	MUX				
2482	M740001	LA75580	870422	9204-4	110C	9983-62	MUX				
2483	M740001	LA78352	890518	9204-4	215	9983-62	MUX				
2484	M740001	LA79720	870421	9204-4	110C	9983-62	MUX				
2485	M740001	LA92193	870601	9204-4	FLR2	9983-62	MUX				
2486	M740001	LA02345	900213	9204-4	STOR	9983-72	MUX				
2487	M740001	LA70133	910626	9204-4	313	9983-72	MUX				
2488	M740001	LA70522	891218	9204-4	206	9983-72	MUX				
2489	M740001	LA72601	870410	9204-4	110C	9983-72	MUX				
2490	M740001	LA74150	871124	9204-4	203	9983-72	MUX				
2491	M740001	LA75021	870508	9204-4	012D	9983-72	MUX				
2492	M740001	LA77161	871104	9204-4	108	9983-72	MUX				
2493	M740001	LA78365	871124	9204-4	202	9983-72	MUX				
2494	M740001	LA85123	900409	9204-4	011C	9983-72	MUX				
2495	M740001	LA85304	880527	9204-4	39	9983-72	MUX				
2496	M740001	LA87155	880602	9204-4	250D	9983-72	MUX				
2497	M740001	LA88576	880527	9204-4	39	9983-72	MUX				

	A	B	C	D	E	F	G	H	I	J	K
1	Main Acct.	Line Number	Active Date	Building 1	Room 1	Building 2	Room 2	Building 3	Room 3	Building 4	Room 4
2498	M740001	LA82255	881220	9215-A	3	9106	MUX				
2499	M740001	LA82399	881220	9215-A	7	9106	MUX				
2500	M740001	LA86160	881220	9215-A	7	9106	MUX				
2501	M740001	LA87904	881220	9215-A	3	9106	MUX				
2502	M740001	LA84338	880301	9215-A	5	9207	MUX				
2503	M740001	LA86256	880301	9215-A	012A	9207	MUX				
2504	M740001	LA01257	900709	9215-A	4	9702	MUX				
2505	M740001	LA08861	900707	9215-A	11	9702	MUX				
2506	M740001	LA15766	910528	9215-A	2	9702	MUX				
2507	M740001	LA29857	920827	9215-A	7	9702	MUX				
2508	M740001	LA79617	890809	9215-A	13	9702	MUX				
2509	M740001	LA91531	890322	9215-A	2	9702	MUX				
2510	M740001	LA60128	911014	9215-A	10	9201-5	MUX				
2511	M740001	LA04911	900416	9215-A	3	9723-14	MUX				
2512	M740001	AGD1107	880419	9401-3	MUX	9208	8111				
2513	M740001	LA19175	930325	9401-3	ELEC	9702	MUX				
2514	M740001	LA22480	930107	9401-3	STM	9702	MUX				
2515	M740001	LA25296	920902	9401-3	MAIN	9702	MUX				
2516	M740001	LA28856	930106	9401-3	2	9702	MUX				
2517	M740001	LA81194	880123	9401-3	1	9702	MUX				
2518	M740001	LA81203	880203	9401-3	MAIN	9702	MUX				
2519	M740001	LA87615	880123	9401-3	2	9702	MUX				
2520	M740001	LA85020	880730	9401-3	2	9104-2	MUX				
2521	M740001	LA88954	880729	9401-3	1	9104-2	MUX				
2522	M740001	LA26226	920305	9404-18	FL2	9702	MUX				
2523	M740001	LA28455	930604	9404-20	NWST	9702	MUX				
2524	M740001	LA28895	930604	9404-20	NWST	9702	MUX				
2525	M740001	LA10982	910729	9404-5	RMKS	9702	MUX				
2526	M740001	LA15500	910729	9404-5	SHOP	9702	MUX				
2527	M740001	LA16792	910730	9404-5	RMKS	9702	MUX				
2528	M740001	LA80704	890109	9404-8	COM	9702	MUX				
2529	M740001	LA20126	921113	9417-8	SHED	9706-2	BSMT				
2530	M740001	LA38914	930203	9422-10		9706-2	COMP				
2531	M740001	LA26012	921027	9422-11	MNTR	9704-1	3				
2532	M740001	LA21093	921028	9422-12	MNTR	9704-1	3				
2533	M740001	GD36683	930213	9616-7	209	9204-2E	MUX				
2534	M740001	LA25990	930301	9616-7	MUX	9616-6	TRNG				
2535	M740001	LA22263	930226	9616-7	MUX	Y-12	MUX				
2536	M740001	LA25277	930301	9616-7	MUX	Y-12	MUX				

	A	B	C	D	E	F	G	H	I	J	K
1	Main Acct.	Line Number	Active Date	Building 1	Room 1	Building 2	Room 2	Building 3	Room 3	Building 4	Room 4
2537	M740001	LA25468	930226	9616-7	MUX	Y-12	TRLR				
2538	M740001	LA27836	930301	9616-7	MUX	Y-12	MUX				
2539	M740001	LA77084	871110	9616-9	CNTR	9702	MUX				
2540	M740001	LA12326	851130	9701-1	5	9704-1	MUX				
2541	M740001	LA11267	920527	9703-15	TRAN	9114	1714				
2542	M740001	LA33964	930317	9703-15	7	9702	MUX				
2543	M740001	AGD1642	820916	9704-1	1	9202	279				
2544	M740001	AGD3612	841126	9704-1	CMPT	9207	1018				
2545	M740001	AGD3767	841126	9704-1	MLTI	9207	1018				
2546	M740001	GD73016	871007	9704-1	1	9207	MUX				
2547	M740001	LA11372	910819	9704-1	020A	9702	MUX				
2548	M740001	LA19843	911218	9704-1	MUX	9702	MUX				
2549	M740001	LA30876	930603	9704-1	35	9702	MUX				
2550	M740001	LA33588	930607	9704-1	37	9702	MUX				
2551	M740001	LA34053	930607	9704-1	35	9702	MUX				
2552	M740001	LA34158	930605	9704-1	36	9702	MUX				
2553	M740001	LA34757	930605	9704-1	36	9702	MUX				
2554	M740001	LA36686	930603	9704-1	36	9702	MUX				
2555	M740001	LA36856	930825	9704-1	HLWY	9702	MUX				
2556	M740001	LA36954	930607	9704-1	35	9702	MUX				
2557	M740001	LA39207	930513	9704-1	020A	9702	MUX				
2558	M740001	AGD3543	831202	9704-1	1	9104-2	14				
2559	M740001	AGD1650	820916	9704-1	1	9201-4	220				
2560	M740001	GD15404	850716	9704-1	MUX	9204-1	155C				
2561	M740001	AGD1198	851028	9704-1	MUX	9704-2	226	9704-2	224		
2562	M740001	AGD2098	830102	9704-1	1	9704-2	267				
2563	M740001	LA80289	880130	9704-2	129	9103	129				
2564	M740001	AGD2188	881031	9704-2	211	9702	MUX				
2565	M740001	GD17638	890605	9704-2	190	9702	MUX				
2566	M740001	GD18479	880610	9704-2	208	9702	MUX				
2567	M740001	LA11912	881012	9704-2	217	9702	MUX				
2568	M740001	LA17793	910624	9704-2	276	9702	MUX				
2569	M740001	LA26386	921207	9704-2	249	9702	MUX				
2570	M740001	LA27314	921013	9704-2	152	9702	MUX				
2571	M740001	LA76684	890710	9704-2	146	9702	MUX				
2572	M740001	LA78759	890710	9704-2	131	9702	MUX				
2573	M740001	LA82937	890915	9704-2	153	9702	MUX				
2574	M740001	LA83871	890801	9704-2	145	9702	MUX				
2575	M740001	LA84091	881104	9704-2		9702	MUX				

	A	B	C	D	E	F	G	H	I	J	K
1	Main Acct.	Line Number	Active Date	Building 1	Room 1	Building 2	Room 2	Building 3	Room 3	Building 4	Room 4
2576	M740001	AGD1541	911028	9704-2	MUX	9766	43	9704-2	MUX		
2577	M740001	LA90104	891016	9704-2	154	9996	MUX				
2578	M740001	LA90707	890113	9704-2	277	9996	MUX				
2579	M740001	LA98065	890123	9704-2	257	9996	MUX				
2580	M740001	GD15102	890602	9704-2	186	9204-2	MUX				
2581	M740001	AGD1146	851123	9704-2	MUX	9704-1	MUX				
2582	M740001	LA67714	910408	9704-2	MUX	9704-1	MUX				
2583	M740001	GD18388	900312	9706-1	107	9702	MUX				
2584	M740001	LA07557	910417	9706-1	187	9702	MUX				
2585	M740001	LA08761	920327	9706-1	102	9702	MUX				
2586	M740001	LA10701	920327	9706-1	187D	9702	MUX				
2587	M740001	LA11857	910624	9706-1	183A	9702	MUX				
2588	M740001	LA12050	920327	9706-1	105F	9702	MUX				
2589	M740001	LA12877	910712	9706-1	108	9702	MUX				
2590	M740001	LA13622	920327	9706-1	183D	9702	MUX				
2591	M740001	LA13649	920327	9706-1	105E	9702	MUX				
2592	M740001	LA14917	910624	9706-1	183B	9702	MUX				
2593	M740001	LA15159	910624	9706-1	183C	9702	MUX				
2594	M740001	LA16104	910624	9706-1	183C	9702	MUX				
2595	M740001	LA17961	910624	9706-1	187C	9702	MUX				
2596	M740001	LA69874	910417	9706-1	187	9702	MUX				
2597	M740001	LA81260	880719	9706-1	112	9702	MUX				
2598	M740001	LA81622	910417	9706-1	187	9702	MUX				
2599	M740001	LA85574	910417	9706-1	187	9702	MUX				
2600	M740001	GD10440	850722	9706-1	MUX	9706-1A	150				
2601	M740001	GD14056	860127	9706-1	MUX	9706-1A	184				
2602	M740001	GD15905	850722	9706-1	MUX	9706-1A	163				
2603	M740001	LA13383	910717	9706-1A	190	9702	MUX				
2604	M740001	LA13671	920318	9706-1A	185A	9702	MUX				
2605	M740001	LA14135	920327	9706-1A	176	9702	MUX				
2606	M740001	LA19664	920327	9706-1A	171	9702	MUX				
2607	M740001	LA19876	920318	9706-1A	185A	9702	MUX				
2608	M740001	LA60714	860611	9706-1A	191	9702	MUX				
2609	M740001	LA69733	860426	9706-1A	152	9702	MUX				
2610	M740001	LA75686	930625	9706-1A	169	9709	MUX	9702	MUX		
2611	M740001	GD17962	900328	9706-1A	160	9706-1	MUX				
2612	M740001	LA86550	881118	9706-1A	163	9706-1	MUX				
2613	M740001	GD07541	901105	9706-2	104	9103	MUX				
2614	M740001	LA30705	931026	9706-2	PSS	9207	MUX				

	A	B	C	D	E	F	G	H	I	J	K
1	Main Acct.	Line Number	Active Date	Building 1	Room 1	Building 2	Room 2	Building 3	Room 3	Building 4	Room 4
2615	M740001	GD18560	851010	9706-2	PSS	9766	19F				
2616	M740001	GD25924	920630	9706-2	BASE	9201-5	201-				
2617	M740001	LA02984	900720	9706-2	102	9704-1	MUX				
2618	M740001	LA08719	900720	9706-2	103	9704-1	MUX				
2619	M740001	LA14545	911220	9710-2	207	9106	MUX				
2620	M740001	LA12935	911220	9710-2	203	9702	MUX				
2621	M740001	LA17424	911220	9710-2	202	9702	MUX				
2622	M740001	LA19715	910524	9710-2	123	9702	MUX				
2623	M740001	LA30459	931105	9710-2	207	9702	MUX				
2624	M740001	LA31842	930420	9710-2	211	9702	MUX				
2625	M740001	LA35853	930420	9710-2	105	9702	MUX				
2626	M740001	LA36583	930208	9710-2	105	9702	MUX				
2627	M740001	LA83952	881025	9710-2	123	9702	MUX				
2628	M740001	LA85622	881025	9710-2	121	9702	MUX				
2629	M740001	LA87092	881025	9710-2	122	9702	MUX				
2630	M740001	LA88186	881025	9710-2	120	9702	MUX				
2631	M740001	LA79337	900418	9710-2	1	9739	MUX				
2632	M740001	LA83930	900806	9710-2	138	9996	MUX				
2633	M740001	LA86036	920406	9710-2	101	9996	MUX				
2634	M740001	LA70814	920207	9710-2	208	9704-1	MUX				
2635	M740001	LA62333	890213	9710-2	OFFC	9704-2	MUX				
2636	M740001	LA63249	920207	9710-2	210	9704-2	MUX				
2637	M740001	LA37411	930127	9710-3	241	9103	15				
2638	M740001	LA37873	930127	9710-3	241	9113	106				
2639	M740001	LA01928	901029	9710-3	MUX	9766	MUX				
2640	M740001	LA32355	931122	9710-3	237	9204-3	WEST				
2641	M740001	LA24648	920826	9710-3	241	9706-2	CONT				
2642	M740001	LA72641	920924	9710-3	4	9706-2	MUX				
2643	M740001	LA18238	910128	9710-3	TELE	9710-2	PNCH				
2644	M740001	LA33487	930907	9710-3	237	Y-12	PT-4				
2645	M740001	LA18232	851211	9711-1		9106	MUX				
2646	M740001	LA11246	900103	9711-1	2-SE	9702	MUX				
2647	M740001	LA19450	890505	9711-1	19	9702	MUX				
2648	M740001	LA19611	910306	9711-1	LIB.	9702	MUX				
2649	M740001	LA63251	890505	9711-1	18	9702	MUX				
2650	M740001	LA76648	891012	9711-1	LIB.	9702	MUX				
2651	M740001	LA83600	900110	9711-1	030A	9702	MUX				
2652	M740001	AGD2421	870423	9711-1	LIBR	4500-N	F004				
2653	M740001	AGD2422	891120	9711-1	LIBR	4500-N	F004				

	A	B	C	D	E	F	G	H	I	J	K
1	Main Acct.	Line Number	Active Date	Building 1	Room 1	Building 2	Room 2	Building 3	Room 3	Building 4	Room 4
2654	M740001	LA60925	890828	9711-1	LIBR	9104-2	MUX				
2655	M740001	LA61411	890828	9711-1	LIBR	9104-2	MUX				
2656	M740001	GD11845	890522	9711-1	S.EA	9704-2	MUX				
2657	M740001	LA63046	860815	9711-1	3	9704-2	MUX				
2658	M740001	LA14108	910626	9711-5	114	9702	MUX				
2659	M740001	LA15915	920309	9711-5	112	9702	MUX				
2660	M740001	LA20031	920428	9711-5	108A	9702	MUX				
2661	M740001	LA23580	930707	9711-5	109	9702	MUX				
2662	M740001	LA25087	921120	9711-5	CAFE	9702	MUX				
2663	M740001	LA27408	920730	9711-5	108A	9702	MUX				
2664	M740001	LA70032	921210	9711-5	100	9702	MUX				
2665	M740001	LA74489	921210	9711-5	100	9702	MUX				
2666	M740001	LA79409	921210	9711-5	100	9702	MUX				
2667	M740001	LA62533	860917	9711-5	109V	9104-2	MUX				
2668	M740001	LA01697	900618	9711-5		9704-1	MUX				
2669	M740001	AGD0218	900710	9711-5	106B	9711-5	MUX	9711-5	111	9711-A	111
2670	M740001	LA66364	900716	9711-5	106	9711-5	MUX	9739	MUX		
2671	M740001	LA22787	920716	9720-12	31	9702	MUX				
2672	M740001	LA12569	910625	9720-16	SHOP	9702	MUX				
2673	M740001	LA15192	930510	9720-16	SHOP	9702	MUX				
2674	M740001	LA80456	880121	9720-2	OFFC	9702	MUX				
2675	M740001	LA88095	880610	9720-20	2	9702	MUX				
2676	M740001	LA89740	880610	9720-20	2	9702	MUX				
2677	M740001	LA90602	890325	9720-20		9702	MUX				
2678	M740001	LA93441	890325	9720-20	REM.	9702	MUX				
2679	M740001	LA98773	890325	9720-20	REM.	9702	MUX				
2680	M740001	LA30129	930909	9720-25	OFC	9702	MUX				
2681	M740001	LA37357	930909	9720-28	OFC	9702	MUX				
2682	M740001	LA12669	920226	9720-3	OFFC	9702	MUX				
2683	M740001	LA15547	920226	9720-3	SUTH	9702	MUX				
2684	M740001	LA36733	931122	9720-31	RCRA	9702	MUX				
2685	M740001	LA84263	881010	9720-33	DISP	9702	MUX				
2686	M740001	LA00014	930513	9720-4	OFC	9702	MUX				
2687	M740001	LA14712	910416	9720-4		9702	MUX				
2688	M740001	LA17849	910416	9720-4		9702	MUX				
2689	M740001	LA18335	930504	9720-4	OFFC	9702	MUX				
2690	M740001	LA18851	930504	9720-4	OFFC	9702	MUX				
2691	M740001	LA84925	930604	9720-4	EOFC	9702	MUX				
2692	M740001	LA10466	911025	9720-6	SUPR	9702	MUX				

	A	B	C	D	E	F	G	H	I	J	K
1	Main Acct.	Line Number	Active Date	Building 1	Room 1	Building 2	Room 2	Building 3	Room 3	Building 4	Room 4
2693	M740001	LA11823	911025	9720-6	SUPR	9702	MUX				
2694	M740001	LA13070	911025	9720-6	INST	9702	MUX				
2695	M740001	LA13539	911025	9720-6	INST	9702	MUX				
2696	M740001	LA13982	911025	9720-6	SUPR	9702	MUX				
2697	M740001	LA14742	911025	9720-6	SUPR	9702	MUX				
2698	M740001	LA16048	911025	9720-6	SUPR	9702	MUX				
2699	M740001	LA17316	911025	9720-6	INST	9702	MUX				
2700	M740001	LA18812	911025	9720-6	SUPR	9702	MUX				
2701	M740001	LA19335	911025	9720-6	INST	9702	MUX				
2702	M740001	LA24646	920505	9720-6	RMKS	9702	MUX				
2703	M740001	LA25923	920505	9720-6	RMKS	9702	MUX				
2704	M740001	LA26981	921217	9720-6	TRAN	9702	MUX				
2705	M740001	LA06977	901116	9720-6	151	9720	MUX				
2706	M740001	LA64673	930921	9720-6	105	9704-2	MUX				
2707	M740001	LA15720	910516	9720-7	OFFC	9702	MUX				
2708	M740001	AGD3541	881103	9720-8	151	9104-2	MUX				
2709	M740001	LA79920	870318	9723-11	MUX	9103	129D				
2710	M740001	LA92335	890615	9723-14	MUX	9106	MUX				
2711	M740001	LA10402	910909	9723-16	193	9702	MUX				
2712	M740001	LA11680	910611	9723-16	177	9702	MUX				
2713	M740001	LA14232	910611	9723-16	117G	9702	MUX				
2714	M740001	LA14523	910617	9723-16	UTIL	9702	MUX				
2715	M740001	LA14755	910617	9723-16	UTIL	9702	MUX				
2716	M740001	LA15460	910410	9723-16	119	9702	MUX				
2717	M740001	LA17756	911119	9723-16	160	9702	MUX				
2718	M740001	LA19260	910611	9723-16	179	9702	MUX				
2719	M740001	LA22374	921211	9723-16	117G	9702	MUX				
2720	M740001	LA32991	930323	9723-16	186	9702	MUX				
2721	M740001	LA83395	880418	9723-16	121	9702	MUX				
2722	M740001	LA79811	890123	9723-16	115	9739	MUX				
2723	M740001	LA86086	880707	9723-16	MUX	9995	MUX				
2724	M740001	LA99220	890612	9723-16	110	9706-2	ATTC				
2725	M740001	LA81300	880426	9723-18	2	9702	MUX				
2726	M740001	LA08720	901121	9723-21	N.OF	9103	MUX				
2727	M740001	LA13538	910222	9723-21	NRTH	9702	MUX				
2728	M740001	AGD2102	890331	9723-25	33A	9702	MUX				
2729	M740001	AGD3081	890331	9723-25	33	9702	MUX				
2730	M740001	LA14343	910301	9723-25	SHOP	9702	MUX				
2731	M740001	LA26158	930422	9723-25	128	9702	MUX				

	A	B	C	D	E	F	G	H	I	J	K
1	Main Acct.	Line Number	Active Date	Building 1	Room 1	Building 2	Room 2	Building 3	Room 3	Building 4	Room 4
2732	M740001	LA62555	861210	9723-25	32	9702	MUX				
2733	M740001	LA68632	920401	9723-25	31	9702	MUX				
2734	M740001	GD17164	891108	9723-25	33B	9996	MUX				
2735	M740001	LA08846	900924	9723-25	MNT.	9996	MUX				
2736	M740001	LA81665	901101	9723-25	30	9996	MUX				
2737	M740001	LA87407	890222	9723-25	MAIN	9996	MUX				
2738	M740001	LA89823	881205	9723-25	10	9996	MUX				
2739	M740001	LA16985	930425	9723-4	SHOP	9702	MUX				
2740	M740001	LA34081	930125	9724-3	RADO	9706-2	PSS				
2741	M740001	LA36124	930125	9724-3	RADO	9706-2	PSS				
2742	M740001	LA38166	930125	9724-3	RADO	9706-2	PSS				
2743	M740001	LA39125	930125	9724-3	RADO	9706-2	PSS				
2744	M740001	LA39697	930125	9724-3	RADO	9706-2	PSS				
2745	M740001	AGD3662	921013	9733-1	200D	9702	MUX				
2746	M740001	LA10829	910218	9733-1	105A	9702	355				
2747	M740001	LA14061	910218	9733-1	117	9702	MUX				
2748	M740001	LA14617	910218	9733-1	103F	9702	MUX				
2749	M740001	LA16495	910218	9733-1	105A	9702	355				
2750	M740001	LA18075	910222	9733-1	125	9702	MUX				
2751	M740001	LA85005	880123	9733-1	123B	9702	MUX				
2752	M740001	LA89200	880123	9733-1	118	9702	MUX				
2753	M740001	AGD0102	870305	9733-1	105D	9739	MUX				
2754	M740001	AGD0108	890330	9733-1	115B	9739	MUX	9733-1	121A	9739	MUX
2755	M740001	AGD0141	870507	9733-1	015A	9739	MUX				
2756	M740001	AGD2517	890330	9733-1	123A	9739	MUX	9733-1	105B	9739	MUX
2757	M740001	GD95682	890330	9733-1	117	9739	MUX	9733-1	124	9733-1	109C
2758	M740001	LA02364	900212	9733-1	109B	9739	MUX				
2759	M740001	LA64105	860512	9733-1	105	9739	MUX				
2760	M740001	LA64689	860512	9733-1	104	9739	MUX				
2761	M740001	LA67214	860512	9733-1	105	9739	MUX				
2762	M740001	LA67968	860512	9733-1	105	9739	MUX				
2763	M740001	LA68785	860512	9733-1	100	9739	MUX				
2764	M740001	LA78563	870203	9733-1	114	9739	MUX				
2765	M740001	GD19727	890731	9733-1	122A	9766	MUX				
2766	M740001	LA01941	900614	9733-2	222	9702	MUX				
2767	M740001	LA19277	911012	9733-2	228	9702	MUX				
2768	M740001	AGD1941	920811	9733-2	215	9739	106				
2769	M740001	AGD3854	920810	9733-2	215	9739	MUX				
2770	M740001	AGD3857	871117	9733-2	215U	9739	MUX				

	A	B	C	D	E	F	G	H	I	J	K
1	Main Acct.	Line Number	Active Date	Building 1	Room 1	Building 2	Room 2	Building 3	Room 3	Building 4	Room 4
2771	M740001	GDP0113	890526	9733-2	234	9739	106	9733-2	232		
2772	M740001	LA35321	930407	9733-2	201H	9739	MUX				
2773	M740001	LA75492	870320	9733-2	201W	9739	MUX				
2774	M740001	AGD2186	890710	9733-3	319B	9702	MUX				
2775	M740001	GD12065	881019	9733-3	301C	9702	MUX				
2776	M740001	GD17293	881019	9733-3	303D	9702	MUX				
2777	M740001	GD19851	881019	9733-3	309B	9702	MUX				
2778	M740001	LA77310	890921	9733-3	315	9702	MUX				
2779	M740001	LA80143	880601	9733-3	326	9702	MUX				
2780	M740001	LA86894	880602	9733-3	317E	9702	MUX				
2781	M740001	LA90156	900719	9733-3	303F	9702	MUX				
2782	M740001	AGD0116	881019	9733-3	304	9739	MUX				
2783	M740001	AGD0117	881019	9733-3	308	9739	MUX				
2784	M740001	AGD0118	881019	9733-3	310	9739	MUX				
2785	M740001	AGD0119	881019	9733-3	314	9739	MUX				
2786	M740001	AGD0120	831207	9733-3	318B	9739	106				
2787	M740001	AGD0135	881019	9733-3	306	9739	MUX				
2788	M740001	AGD1945	881019	9733-3	302	9739	MUX				
2789	M740001	AGD2952	881019	9733-3	312	9739	MUX				
2790	M740001	AGD2953	850820	9733-3	319A	9739	MUX				
2791	M740001	AGD3863	881019	9733-3	307D	9739	MUX				
2792	M740001	AGD3864	820702	9733-3	318A	9739	106				
2793	M740001	AGD3865	900312	9733-3	315	9739	MUX				
2794	M740001	GD10426	860302	9733-3	321E	9739	106				
2795	M740001	GD10516	881019	9733-3	301D	9739	MUX				
2796	M740001	GD18577	850611	9733-3	322	9739	MUX				
2797	M740001	GDP3035	880702	9733-3	317D	9739	MUX	9733-3	317F		
2798	M740001	LA70046	871013	9733-3	321D	9739	MUX				
2799	M740001	LA78696	871013	9733-3	321C	9739	MUX				
2800	M740001	LA91918	890831	9733-3	301B	9739	MUX				
2801	M740001	LA95431	890831	9733-3	303A	9739	MUX				
2802	M740001	LA15132	881019	9733-3	303C	9766	MUX				
2803	M740001	LA17282	860302	9733-3	324	9766	MUX				
2804	M740001	LA18094	881018	9733-3	317C	9766	MUX				
2805	M740001	LA19116	881019	9733-3	303A	9766	MUX				
2806	M740001	LA00397	900719	9733-3	SECR	9704-1	MUX				
2807	M740001	AGD4891	860302	9733-3	328	9733-2	236				
2808	M740001	AGD3658	921123	9733-4	108	9702	MUX				
2809	M740001	LA86875	881031	9733-4	138	9702	MUX				

	A	B	C	D	E	F	G	H	I	J	K
1	Main Acct.	Line Number	Active Date	Building 1	Room 1	Building 2	Room 2	Building 3	Room 3	Building 4	Room 4
2810	M740001	AGD0131	921106	9733-4	123	9739	MUX				
2811	M740001	AGD5439	890131	9733-4	1036	9739	MUX				
2812	M740001	GDP3829	920423	9733-4	126	9739	106				
2813	M740001	LA60772	861203	9733-4	110	9739	MUX				
2814	M740001	LA63471	920806	9733-4	420	9739	MUX				
2815	M740001	LA64016	861205	9733-4	112	9739	MUX				
2816	M740001	LA64055	861205	9733-4	113	9739	MUX				
2817	M740001	LA65965	860804	9733-4	111	9739	MUX				
2818	M740001	LA67721	861204	9733-4	128	9739	MUX				
2819	M740001	LA71334	870209	9733-4	4	9739	MUX				
2820	M740001	LA74675	870325	9733-4	139A	9739	MUX				
2821	M740001	LA75520	870319	9733-4	105	9739	MUX				
2822	M740001	LA94616	890223	9733-4	114	9766	MUX				
2823	M740001	AGD1939	830922	9733-4	116	9733-1	108				
2824	M740001	LA23258	920913	9767-8	OFFC	9702	MUX				
2825	M740001	LA76830	890620	9977-1	CNRL	9704-1	MUX				
2826	M740001	LA14032	910225	9983-09	107B	9702	MUX				
2827	M740001	LA16169	910225	9983-09	107B	9702	MUX				
2828	M740001	LA13989	910328	9983-10	MAIN	9702	MUX				
2829	M740001	LA00209	900724	9983-13	SW	9207	MUX				
2830	M740001	LA31847	930613	9983-13	OFC	9207	MUX				
2831	M740001	LA72278	920909	9983-13	TRLR	9702	MUX				
2832	M740001	LA81850	880809	9983-20		9702	MUX				
2833	M740001	GD19030	930603	9983-30	2ND	9702	MUX				
2834	M740001	LA11798	930602	9983-30	1ST	9702	MUX				
2835	M740001	LA03440	920626	9983-32	1	9702	MUX				
2836	M740001	LA04501	900628	9983-32	3	9702	MUX				
2837	M740001	LA09575	900628	9983-32	1	9702	MUX				
2838	M740001	LA34257	931114	9983-32	2	9702	MUX				
2839	M740001	AGD1818	821014	9983-35	1	9103	2FLR				
2840	M740001	AGD1819	821014	9983-35	1	9103	2FLR				
2841	M740001	LA21343	920723	9983-39	2	9702	MUX				
2842	M740001	LA25264	920723	9983-39	3	9702	MUX				
2843	M740001	LA26212	920723	9983-39	4	9702	MUX				
2844	M740001	LA27030	920723	9983-39	5	9702	MUX				
2845	M740001	LA29077	920723	9983-39	1	9702	MUX				
2846	M740001	LA00597	930126	9983-4	AREA	9702	MUX				
2847	M740001	LA07291	930126	9983-4	AREA	9702	MUX				
2848	M740001	LA10160	860304	9983-49	EAST	9702	MUX				

	A	B	C	D	E	F	G	H	I	J	K
1	Main Acct.	Line Number	Active Date	Building 1	Room 1	Building 2	Room 2	Building 3	Room 3	Building 4	Room 4
2849	M740001	GD12428	931124	9983-55	104	9702	MUX	9720-8	103B		
2850	M740001	LA10442	910218	9983-55	107	9702	355				
2851	M740001	LA13577	910610	9983-55	119	9702	MUX				
2852	M740001	LA14274	910218	9983-55	109	9702	355				
2853	M740001	LA18236	910218	9983-55	112	9702	355				
2854	M740001	LA87538	890822	9983-55	102	9702	MUX				
2855	M740001	LA90787	890823	9983-55	115	9739	MUX				
2856	M740001	LA92285	890823	9983-55	103	9739	MUX				
2857	M740001	LA99110	890823	9983-55	101	9739	MUX				
2858	M740001	LA99184	890823	9983-55	111	9739	MUX				
2859	M740001	LA00260	900724	9983-55	108	9766	MUX				
2860	M740001	LA18942	890823	9983-55	110	9766	MUX				
2861	M740001	LA61256	860424	9983-58	5	9702	MUX				
2862	M740001	LA80646	920831	9983-62	MUX	9103	129D				
2863	M740001	HWD0852	901009	9983-62	MUX	9201-5	MUX				
2864	M740001	AGD2722	870302	9983-62	MUX	9204-4	2				
2865	M740001	LA11133	851118	9983-62	17	9983-64	MUX				
2866	M740001	LA10580	851119	9983-62	7	9983-65	MUX				
2867	M740001	LA10207	860108	9983-63	23	9983-62	MUX				
2868	M740001	LA11661	860108	9983-63	3	9983-62	MUX				
2869	M740001	LA12046	851101	9983-63	10	9983-62	MUX				
2870	M740001	LA12083	860224	9983-63	14	9983-62	MUX				
2871	M740001	LA12448	851118	9983-63	13	9983-62	MUX				
2872	M740001	LA12519	851118	9983-63	22	9983-62	MUX				
2873	M740001	LA13552	851118	9983-63	12	9983-62	MUX				
2874	M740001	LA13612	851118	9983-63	24	9983-62	MUX				
2875	M740001	LA13699	860224	9983-63	14	9983-62	MUX				
2876	M740001	LA13971	851118	9983-63	8	9983-62	MUX				
2877	M740001	LA14635	851101	9983-63	16	9983-62	MUX				
2878	M740001	LA14769	851118	9983-63	2	9983-62	MUX				
2879	M740001	LA15151	851031	9983-63	14	9983-62	MUX				
2880	M740001	LA15912	851118	9983-63	18	9983-62	MUX				
2881	M740001	LA17610	851101	9983-63	10	9983-62	MUX				
2882	M740001	LA17931	851118	9983-63	6	9983-62	MUX				
2883	M740001	LA19525	860108	9983-63	1	9983-62	MUX				
2884	M740001	LA19654	860224	9983-63	14	9983-62	MUX				
2885	M740001	LA19663	851031	9983-63	4	9983-62	MUX				
2886	M740001	LA19827	851118	9983-63	20	9983-62	MUX				
2887	M740001	LA63888	860929	9983-63	13	9983-62	MUX				

	A	B	C	D	E	F	G	H	I	J	K
1	Main Acct.	Line Number	Active Date	Building 1	Room 1	Building 2	Room 2	Building 3	Room 3	Building 4	Room 4
2888	M740001	LA67818	860512	9983-63	B	9983-62	MUX				
2889	M740001	LA11371	851118	9983-64	13	9983-62	MUX				
2890	M740001	LA12740	851119	9983-64	12	9983-62	MUX				
2891	M740001	LA12823	851118	9983-64	6	9983-62	MUX				
2892	M740001	LA13257	851118	9983-64	18	9983-62	MUX				
2893	M740001	LA13463	851118	9983-64	11	9983-62	MUX				
2894	M740001	LA13714	851120	9983-64	16	9983-62	MUX				
2895	M740001	LA13731	851101	9983-64	3	9983-62	MUX				
2896	M740001	LA14169	911009	9983-64	9	9983-62	MUX				
2897	M740001	LA15133	851118	9983-64	19	9983-62	MUX				
2898	M740001	LA15613	851118	9983-64	9	9983-62	MUX				
2899	M740001	LA15824	851118	9983-64	1	9983-62	MUX				
2900	M740001	LA15898	851118	9983-64	20	9983-62	MUX				
2901	M740001	LA16741	851118	9983-64	10	9983-62	MUX				
2902	M740001	LA17565	851118	9983-64	23	9983-62	MUX				
2903	M740001	LA17591	851118	9983-64	8	9983-62	MUX				
2904	M740001	LA18062	851118	9983-64	2	9983-62	MUX				
2905	M740001	LA18322	851118	9983-64	22	9983-62	MUX				
2906	M740001	LA18542	851118	9983-64	4	9983-62	MUX				
2907	M740001	LA18692	851118	9983-64	21	9983-62	MUX				
2908	M740001	LA18829	851118	9983-64	15	9983-62	MUX				
2909	M740001	LA18831	851118	9983-64	24	9983-62	MUX				
2910	M740001	LA19628	851118	9983-64	5	9983-62	MUX				
2911	M740001	LA19680	851118	9983-64	14	9983-62	MUX				
2912	M740001	LA29968	920902	9983-64	22	9983-62	MUX				
2913	M740001	LA03963	901128	9983-64	19	9983-72	MUX				
2914	M740001	LA11174	851119	9983-65	3	9983-62	MUX				
2915	M740001	LA11400	851119	9983-65	17	9983-62	MUX				
2916	M740001	LA12128	851031	9983-65	13	9983-62	MUX				
2917	M740001	LA12982	851113	9983-65	12	9983-62	MUX				
2918	M740001	LA13570	851119	9983-65	20	9983-62	MUX				
2919	M740001	LA13632	851119	9983-65	14	9983-62	MUX				
2920	M740001	LA14320	851119	9983-65	16	9983-62	MUX				
2921	M740001	LA14351	851031	9983-65	15	9983-62	MUX				
2922	M740001	LA14862	851031	9983-65	5	9983-62	MUX				
2923	M740001	LA15053	851031	9983-65	20	9983-62	MUX				
2924	M740001	LA16452	870212	9983-65	11	9983-62	MUX				
2925	M740001	LA16509	851119	9983-65	18	9983-62	MUX				
2926	M740001	LA16913	851031	9983-65	22	9983-62	MUX				

	A	B	C	D	E	F	G	H	I	J	K
1	Main Acct.	Line Number	Active Date	Building 1	Room 1	Building 2	Room 2	Building 3	Room 3	Building 4	Room 4
2927	M740001	LA17052	851031	9983-65	9	9983-62	MUX				
2928	M740001	LA18607	851119	9983-65	11	9983-62	MUX				
2929	M740001	LA18754	851118	9983-65	11	9983-62	MUX				
2930	M740001	LA19022	851119	9983-65	10	9983-62	MUX				
2931	M740001	LA29931	920429	9983-65	15	9983-62	MUX				
2932	M740001	LA30886	930129	9983-65	7	9983-62	MUX				
2933	M740001	LA31890	930129	9983-65	22	9983-62	MUX				
2934	M740001	LA32130	930129	9983-65	18	9983-62	MUX				
2935	M740001	LA36009	930129	9983-65	10	9983-62	MUX				
2936	M740001	LA36311	930319	9983-65	13	9983-62	MUX				
2937	M740001	LA37236	930129	9983-65	17	9983-62	MUX				
2938	M740001	LA62505	920317	9983-65	CONF	9983-62	MUX				
2939	M740001	LA13345	911012	9983-71	17	9983-62	MUX				
2940	M740001	LA60921	860521	9983-71	6	9983-72	MUX				
2941	M740001	LA61176	860516	9983-71	15	9983-72	MUX				
2942	M740001	LA62088	860521	9983-71	11	9983-72	MUX				
2943	M740001	LA62545	861119	9983-71	24	9983-72	MUX				
2944	M740001	LA62631	860521	9983-71	12	9983-72	MUX				
2945	M740001	LA64111	860521	9983-71	13	9983-72	MUX				
2946	M740001	LA64464	860529	9983-71	7	9983-72	MUX				
2947	M740001	LA65257	860521	9983-71	1	9983-72	MUX				
2948	M740001	LA66528	860521	9983-71	4	9983-72	MUX				
2949	M740001	LA66731	860521	9983-71	20	9983-72	MUX				
2950	M740001	LA66809	860521	9983-71	3	9983-72	MUX				
2951	M740001	LA67012	860521	9983-71	8	9983-72	MUX				
2952	M740001	LA67072	860521	9983-71	16	9983-72	MUX				
2953	M740001	LA67350	860521	9983-71	2	9983-72	MUX				
2954	M740001	LA67454	860521	9983-71	14	9983-72	MUX				
2955	M740001	LA67725	860516	9983-71	22	9983-72	MUX				
2956	M740001	LA68037	860521	9983-71	18	9983-72	MUX				
2957	M740001	LA68464	860521	9983-71	10	9983-72	MUX				
2958	M740001	LA68655	890629	9983-71	9	9983-72	MUXX				
2959	M740001	LA97806	890919	9983-71	5	9983-72	MUX				
2960	M740001	LA97891	890915	9983-71	21	9983-72	MUX				
2961	M740001	LA71405	920713	9983-72	MUX	9702	MUX				
2962	M740001	LA10965	881027	9983-72	MUX	9983-62	6				
2963	M740001	LA14533	881027	9983-72	MUX	9983-62	5				
2964	M740001	LA15494	881027	9983-72	MUX	9983-62	7				
2965	M740001	LA16576	881027	9983-72	MUX	9983-62	8				

	A	B	C	D	E	F	G	H	I	J	K
1	Main Acct.	Line Number	Active Date	Building 1	Room 1	Building 2	Room 2	Building 3	Room 3	Building 4	Room 4
2966	M740001	LA11459	910222	9983-73	219	9702	MUX				
2967	M740001	LA13379	910222	9983-73	229	9702	MUX				
2968	M740001	LA13565	910222	9983-73	231	9702	MUX				
2969	M740001	LA15448	910222	9983-73	221	9702	MUX				
2970	M740001	LA17358	910222	9983-73	225	9702	MUX				
2971	M740001	LA17751	910222	9983-73	217	9702	MUX				
2972	M740001	LA18615	930929	9983-73	227	9702	MUX				
2973	M740001	LA37622	931020	9983-73	18	9702	MUX				
2974	M740001	LA03069	900625	9983-74	TRLR	9702	MUX				
2975	M740001	GD29910	920918	9983-81	TRLR	9114	MUX				
2976	M740001	LA61571	901108	9983-82	2	9114	140				
2977	M740001	LA91689	891031	9983-85	2	9723-14	MUX				
2978	M740001	LA91747	891031	9983-85	3	9723-14	MUX				
2979	M740001	LA92192	891031	9983-85	5	9723-14	MUX				
2980	M740001	LA93396	891031	9983-85	6	9723-14	MUX				
2981	M740001	LA93544	891031	9983-85	4	9723-14	MUX				
2982	M740001	LA10223	911219	9983-86	2	9702	MUXX				
2983	M740001	LA16644	911219	9983-86	3	9702	MUXX				
2984	M740001	LA17619	911219	9983-86	1	9702	MUXX				
2985	M740001	LA14482	910715	9983-94	2	9702	MUX				
2986	M740001	LA14983	910607	9983-94	3	9702	MUX				
2987	M740001	LA30754	930930	9983-94	TRLR	9702	TEL				
2988	M740001	LA71066	871110	9983-94	TRLR	9702	MUX				
2989	M740001	LA25050	930601	9983-AL	TRLR	9702	MUX				
2990	M740001	LA75056	870611	BADGER	210	FEDERAL	B011				
2991	M740001	LA73609	871223	BETHEL	116	2714-G	W007				
2992	M740001	GD82616	880428	BLAIR	HW58	K-1039	MUX				
2993	M740001	GD29538	920811	CHARLOT	A140	9702	MUX				
2994	M740001	GD14737	860808	CHEYENN	C210	4500-N	270				
2995	M740001	GD17380	850429	CHEYENN	D243	CHARLOT	121				
2996	M740001	LA71049	870105	CHEYENN	D243	CHARLOT	B243				
2997	M740001	GL19723	910227	FEDERAL	EOC	1916-T2					
2998	M740001	GD14264	910205	FOUROAK	COMM	K-1007	COMP				
2999	M740001	DHD3487	930920	FOUROAK	1956	K-1023	COMP				
3000	M740001	LA31375	930421	K-1000	1	K-1039	MUX				
3001	M740001	LA35189	930219	K-1000	4	K-1039	MUX				
3002	M740001	LA36818	930224	K-1000	2	K-1039	MUX				
3003	M740001	LA23769	920109	K-1001	B203	K-1039	MUX				
3004	M740001	LA27794	920109	K-1001	B205	K-1039	MUX				

	A	B	C	D	E	F	G	H	I	J	K
1	Main Acct.	Line Number	Active Date	Building 1	Room 1	Building 2	Room 2	Building 3	Room 3	Building 4	Room 4
3005	M740001	LA27830	920109	K-1001	B201	K-1039	MUX				
3006	M740001	LA02550	900518	K-1002	LBRY	K-1039	MUX				
3007	M740001	LA13117	910716	K-1002	12	K-1039	MUX				
3008	M740001	LA18211	930716	K-1002	CAFE	K-1039	MUX				
3009	M740001	LA61579	860826	K-1002	TRAV	K-1039	MUX				
3010	M740001	LA68398	860826	K-1002	TRAV	K-1039	MUX				
3011	M740001	LA69471	861124	K-1002	OFFC	K-1039	MUX				
3012	M740001	LA70376	870316	K-1002	004A	K-1039	MUX				
3013	M740001	LA71252	880204	K-1002	3	K-1039	MUX				
3014	M740001	LA73234	870225	K-1002		K-1039	MUX				
3015	M740001	LA78064	870317	K-1002	3	K-1039	MUX				
3016	M740001	LA79308	870225	K-1002		K-1039	MUX				
3017	M740001	LA79584	880204	K-1002	3	K-1039	MUX				
3018	M740001	LA79589	880204	K-1002	3	K-1039	MUX				
3019	M740001	LA81635	881018	K-1002	8	K-1039	MUX				
3020	M740001	LA84597	881018	K-1002	3	K-1039	MUX				
3021	M740001	LA97990	890213	K-1002	20	K-1039	MUX				
3022	M740001	LA27935	920422	K-1003	4	K-1036	COMP				
3023	M740001	LA31323	930806	K-1003	12	K-1036	MUX				
3024	M740001	GD34736	930910	K-1003	31	K-1039	MUX				
3025	M740001	LA16641	910715	K-1003	48	K-1039	MUX				
3026	M740001	LA18219	910710	K-1003	31	K-1039	MUX				
3027	M740001	LA18462	910710	K-1003	33	K-1039	MUX				
3028	M740001	LA30020	931201	K-1003	32	K-1039	MUX				
3029	M740001	LA31819	931122	K-1003	48	K-1039	MUX				
3030	M740001	LA34871	931119	K-1003	27	K-1039	MUX				
3031	M740001	LA35278	931201	K-1003	28	K-1039	MUX				
3032	M740001	LA38947	931119	K-1003	41	K-1039	MUX				
3033	M740001	AGD2347	930716	K-1004		K-1039	MUX				
3034	M740001	LA36667	930416	K-1006	B109	K-1039	MUX				
3035	M740001	AGD1055	870529	K-1007	1003	7001	201A				
3036	M740001	DHD3092	901114	K-1007	COMP	4500-S	T002				
3037	M740001	GD96359	910405	K-1007	MUX	CHARLOT	A140				
3038	M740001	D500338	921104	K-1007	1003	CHEYENE	D243				
3039	M740001	DHD3360	930825	K-1007	1003	CHEYENN	D243				
3040	M740001	HWD0801	900905	K-1007	1003	JEFERSN	C104				
3041	M740001	LA01019	920903	K-1007	MUX	K-1001	MUX				
3042	M740001	LA31763	930806	K-1007	KZ	K-1020	COM				
3043	M740001	LA33456	930806	K-1007	KZ	K-1020	COM				

	A	B	C	D	E	F	G	H	I	J	K
1	Main Acct.	Line Number	Active Date	Building 1	Room 1	Building 2	Room 2	Building 3	Room 3	Building 4	Room 4
3044	M740001	LA99301	890117	K-1007	COMP	K-1023	COMP				
3045	M740001	LA13048	910423	K-1007	1003	K-1024	MUX				
3046	M740001	LA16230	910423	K-1007	1003	K-1024	MUX				
3047	M740001	DHD3205	910918	K-1007	COMP	K-1036	007X				
3048	M740001	LA65934	861023	K-1007	1003	K-1036	COMP				
3049	M740001	LA21157	920109	K-1007	MCHN	K-1039	MUX				
3050	M740001	LA27746	920109	K-1007	MCHN	K-1039	MUX				
3051	M740001	LA17745	920115	K-1007	COMP	K-1101	MUX				
3052	M740001	LA09241	910405	K-1007	MUX	K-1210	MUX				
3053	M740001	GD15361	910405	K-1007	MUX	K-1320	MUX				
3054	M740001	AGD4123	830126	K-1007	1003	K-1580	261				
3055	M740001	AGD4124	840102	K-1007	1003	K-1580	343				
3056	M740001	AGD4125	840102	K-1007	1003	K-1580	343A				
3057	M740001	LA31513	930930	K-1007	1003	K-1652	125				
3058	M740001	LA81617	891118	K-1007	1003	K-303-7	MUX				
3059	M740001	LA84204	891111	K-1007	1003	K-303-7	MUX				
3060	M740001	GD04155	910405	K-1007	MUX	K1654-D	MUX				
3061	M740001	LA60280	891012	K-1007	1003	PORTAL	2				
3062	M740001	LA33735	930812	K-1021	1	K-1020	MUX				
3063	M740001	LA35114	930727	K-1021	1	K-1020	MUX				
3064	M740001	LA91942	891005	K-1023	102	K-1007	1003				
3065	M740001	LA99446	891005	K-1023	102	K-1007	1003				
3066	M740001	LA19107	930127	K-1023	LAB	K-1039	MUX				
3067	M740001	LA30295	930526	K-1023	2	K-1039	MUX				
3068	M740001	LA30586	930526	K-1023	2	K-1039	MUX				
3069	M740001	LA21344	920820	K-1024	MUX	K-1039	NCAB				
3070	M740001	LA18999	910530	K-1034	VALT	K-1039	MUX				
3071	M740001	LA13915	920904	K-1035	MUX	K-791-S	OFFC				
3072	M740001	LA39731	930201	K-1036	4	K-1007	MUX				
3073	M740001	AGD0990	930716	K-1036	007X	K-1039	MUX				
3074	M740001	LA03178	900517	K-1036	31	K-1039	MUXX				
3075	M740001	LA07199	900521	K-1036	015A	K-1039	MUX				
3076	M740001	LA10860	931129	K-1036	26	K-1039	MUX				
3077	M740001	LA33049	931122	K-1036	000C	K-1039	MUX				
3078	M740001	LA78656	871015	K-1036	37	K-1039	MUX				
3079	M740001	LA28412	920407	K-1036	MUX	K-303-7	VAUT				
3080	M740001	LA22980	921202	K-1037	3	K-1035	112				
3081	M740001	LA24210	921204	K-1037	RMKS	K-1035	112				
3082	M740001	LA85346	880226	K-1037	NRTH	K-1035	COMP				

	A	B	C	D	E	F	G	H	I	J	K
1	Main Acct.	Line Number	Active Date	Building 1	Room 1	Building 2	Room 2	Building 3	Room 3	Building 4	Room 4
3083	M740001	LA21369	921202	K-1037	2	K-1039	MUX				
3084	M740001	LA21792	921202	K-1037	1	K-1039	MUX				
3085	M740001	LA22620	921202	K-1037	3	K-1039	MUX				
3086	M740001	LA24528	921208	K-1037	330	K-1039	MUX				
3087	M740001	LA31055	930119	K-1037	228	K-1039	MUX				
3088	M740001	LA31127	930524	K-1037	4	K-1039	MUX				
3089	M740001	GD01478	910821	K-1039	MUX	1916-T2	2				
3090	M740001	GD02199	910821	K-1039	MUX	1916-T2	3				
3091	M740001	GD05628	910821	K-1039	MUX	1916-T2	6				
3092	M740001	GD06580	921208	K-1039	MUX	1916-T2	4				
3093	M740001	GD06640	910821	K-1039	MUX	1916-T2	5				
3094	M740001	AGD2292	841101	K-1039	MUX	K-1002	UBR				
3095	M740001	GD14486	860116	K-1039	MUX	K-1002	UBR				
3096	M740001	GD19513	850220	K-1039	MUX	K-1002	UBR				
3097	M740001	AGD2769	831020	K-1039		K-1003	13				
3098	M740001	AGD4477	831029	K-1039		K-1003	13				
3099	M740001	AGD4949	840803	K-1039	MUX	K-1003	4				
3100	M740001	LA14195	911003	K-1039	MUX	K-1035	111				
3101	M740001	LA15669	860130	K-1039	MUX	K-1200	OFFC				
3102	M740001	AGD0603	840417	K-1039		K-1401	4				
3103	M740001	AGD0712	840426	K-1039		K-1401	202				
3104	M740001	AGD3044	860123	K-1039	MUX	K-1401	8				
3105	M740001	AGD3279	841217	K-1039	MUX	K-1401	11				
3106	M740001	AGD3583	831025	K-1039		K-1401	109				
3107	M740001	AGD3709	840413	K-1039		K-1401	86				
3108	M740001	AGD4227	841217	K-1039		K-1401	MUX				
3109	M740001	AGD5586	840913	K-1039	MUX	K-1401	96				
3110	M740001	AGD9745	840723	K-1039	MUX	K-1401	255				
3111	M740001	GD11245	860123	K-1039	MUX	K-1401	10				
3112	M740001	GD16901	850109	K-1039	MUX	K-1401	31				
3113	M740001	GD18928	851024	K-1039	MUX	K-1401	3	K-1401	4		
3114	M740001	GD19001	850109	K-1039	MUX	K-1401	42				
3115	M740001	LA12138	851230	K-1039	MUX	K-1401	38				
3116	M740001	LAP0031	840927	K-1039	TELE	K-1401	CRNR				
3117	M740001	AGD8033	841026	K-1039	MUX	K-1413	11				
3118	M740001	AGD0605	860512	K-1039	MUX	K-1420	LAB				
3119	M740001	AGD2762	830726	K-1039	CONC	K-1420	2				
3120	M740001	AGD2763	830726	K-1039	CONC	K-1420	2				
3121	M740001	LA11475	860515	K-1039	MUX	K-1420	003A				

	A	B	C	D	E	F	G	H	I	J	K
1	Main Acct.	Line Number	Active Date	Building 1	Room 1	Building 2	Room 2	Building 3	Room 3	Building 4	Room 4
3122	M740001	AGD0010	840806	K-1039	MUX	K-1652	238				
3123	M740001	AGD0367	850919	K-1039	COMP	K-1652	204				
3124	M740001	AGD2781	850806	K-1039	CONC	K-1652	241				
3125	M740001	AGD2782	850816	K-1039	CONC	K-1652	214				
3126	M740001	AGD2784	830804	K-1039	CNC	K-1652	150				
3127	M740001	AGD2785	850903	K-1039	CONC	K-1652	207				
3128	M740001	AGD2790	830804	K-1039	CONC	K-1652	150				
3129	M740001	AGD2792	851212	K-1039	CONC	K-1652	217	K-1652	218		
3130	M740001	AGD3743	850910	K-1039		K-1652	203				
3131	M740001	LA10192	851205	K-1039	MUX	K-1652	158				
3132	M740001	LA11528	851205	K-1039	MUX	K-1652	241				
3133	M740001	LA12540	851205	K-1039	MUX	K-1652	150				
3134	M740001	LA16993	851205	K-1039	MUX	K-1652	126				
3135	M740001	LA19111	851205	K-1039	MUX	K-1652	126				
3136	M740001	AGD4893	841017	K-1039	MUX	K-303-8	CCR				
3137	M740001	LA63572	860320	K-1039	MUX	K1004-C	224				
3138	M740001	AGD4104	830915	K-1039	MUX	K1004-D	6				
3139	M740001	AGD4962	840104	K-1039	MUX	K1004-D	29				
3140	M740001	AGD0419	840425	K-1039		K1004-L	20B				
3141	M740001	AGD0610	840426	K-1039		K1004-L	106				
3142	M740001	AGD2082	850108	K-1039	MUX	K1004-L	27				
3143	M740001	AGD2896	830902	K-1039	MUX	K1004-L	15A				
3144	M740001	AGD4472	840301	K-1039		K1004-L	15-N				
3145	M740001	AGD4474	831031	K-1039		K1004-L	004A				
3146	M740001	AGD4476	831031	K-1039		K1004-L	20				
3147	M740001	GD14917	841211	K-1039	MUX	K1004-L	10-A				
3148	M740001	GD17707	841211	K-1039	MUX	K1004-L	12-A				
3149	M740001	GD19717	850926	K-1039	MUX	K1004-L	14A				
3150	M740001	LA14795	851230	K-1039	MUX	K1004-L	006A				
3151	M740001	LA13181	860204	K-1039	MUX	K1004-T					
3152	M740001	LA73535	910909	K-1039	MUX	K1052-B	LAB				
3153	M740001	AGD1561	840529	K-1039	MUX	K1098-D	OFFC				
3154	M740001	AGD0233	831215	K-1039	MUX	K1550-A	TRLR				
3155	M740001	AGD0234	831215	K-1039	MUX	K1550-A	TRLR				
3156	M740001	AGD0354	850429	K-1039	COMP	K1550-B	1				
3157	M740001	AGD5314	850904	K-1039	MUX	K1550-B	5				
3158	M740001	AGD4347	831021	K-1039		K1550-E	1				
3159	M740001	AGD0382	840130	K-1039	COMP	K1550-F	1				
3160	M740001	AGD1897	851030	K-1039	MUX	K1550-I	1				

	A	B	C	D	E	F	G	H	I	J	K
1	Main Acct.	Line Number	Active Date	Building 1	Room 1	Building 2	Room 2	Building 3	Room 3	Building 4	Room 4
3161	M740001	AGD0567	851112	K-1039	MUX	K1550-T	4				
3162	M740001	AGD0356	840125	K-1039	COMP	K1550-U	1				
3163	M740001	AGD2043	850904	K-1039	MUX	K1550-V	7				
3164	M740001	AGD2857	850904	K-1039	MUX	K1550-V	8				
3165	M740001	AGD0088	841002	K-1039	MUX	K1550I	4				
3166	M740001	LA12571	911111	K-1045		K-1039	MUX				
3167	M740001	LA82606	931213	K-1052	5	K-1039	MUX				
3168	M740001	LA14684	930716	K-1052B		K-1039	MUX				
3169	M740001	LA10103	911121	K-1200	MODU	K-1039	MUX				
3170	M740001	LA10201	911121	K-1200	A017	K-1039	MUX				
3171	M740001	LA15083	911121	K-1200	BAY	K-1039	MUX				
3172	M740001	LA17031	920922	K-1200	7	K-1039	MUX				
3173	M740001	LA17399	911106	K-1200	BAY2	K-1039	MUX				
3174	M740001	LA20237	920821	K-1200	COMM	K-1039	MUX				
3175	M740001	LA22728	920512	K-1200	4	K-1039	MUX				
3176	M740001	LA25556	920305	K-1200	NLAB	K-1039	MUX				
3177	M740001	LA26534	930716	K-1200	1ST	K-1039	MUX				
3178	M740001	LA62855	861230	K-1200	1FLR	K-1039	MUX				
3179	M740001	LA91027	920922	K-1200	7	K-1039	MUX				
3180	M740001	LA18852	910913	K-1200	203	K-1650	EOC				
3181	M740001	LA10944	910306	K-1220	138	K-1035	112				
3182	M740001	LA16572	910306	K-1220	138	K-1035	112				
3183	M740001	LA18672	910306	K-1220	138	K-1035	112				
3184	M740001	LA27986	921207	K-1220	2	K-1035	112				
3185	M740001	LA31862	930113	K-1220	WEST	K-1039	MUX				
3186	M740001	LA33668	930802	K-1220	207	K-1039	MUX				
3187	M740001	LA36111	930802	K-1220	203	K-1039	MUX				
3188	M740001	LA38453	930802	K-1220	202	K-1039	MUX				
3189	M740001	LA01431	901025	K-1320	123	K-1007	COMP				
3190	M740001	LA08304	901025	K-1320	123	K-1007	COMP				
3191	M740001	LA03338	900920	K-1320	113	K-1039	MUX				
3192	M740001	LA29000	920723	K-1320	110	K-1039	MUX				
3193	M740001	LA30008	930324	K-1330	130	K-1007	HALL				
3194	M740001	LA14010	920319	K-1400	109	K-1039	MUX				
3195	M740001	LA01207	901126	K-1401	P&E	K-1035	112				
3196	M740001	LA07024	920527	K-1401	3	K-1035	MUX				
3197	M740001	LA10091	911024	K-1401	PLAN	K-1035	112				
3198	M740001	LA10741	910826	K-1401	005A	K-1035	112				
3199	M740001	LA10853	911223	K-1401	3	K-1035	MUX				

	A	B	C	D	E	F	G	H	I	J	K
1	Main Acct.	Line Number	Active Date	Building 1	Room 1	Building 2	Room 2	Building 3	Room 3	Building 4	Room 4
3200	M740001	LA11216	911024	K-1401	PLAN	K-1035	112				
3201	M740001	LA11510	911223	K-1401	2	K-1035	MUX				
3202	M740001	LA13221	911028	K-1401	METL	K-1035	112				
3203	M740001	LA22057	921204	K-1401	8	K-1035	112				
3204	M740001	LA23189	920421	K-1401	CARP	K-1035	112				
3205	M740001	LA38220	930115	K-1401	11	K-1035	MUX				
3206	M740001	LA62427	861218	K-1401	P&E	K-1035	112				
3207	M740001	GDP0604	920630	K-1401	19	K-1039	MUX				
3208	M740001	LA01253	901130	K-1401	E004	K-1039	MUX				
3209	M740001	LA01767	900607	K-1401	OFFC	K-1039	MUX				
3210	M740001	LA01920	901130	K-1401	206	K-1039	MUX				
3211	M740001	LA03747	901130	K-1401	E004	K-1039	MUX				
3212	M740001	LA04765	901130	K-1401	206	K-1039	MUX				
3213	M740001	LA04908	901130	K-1401	E004	K-1039	MUX				
3214	M740001	LA10247	911016	K-1401	41	K-1039	MUX				
3215	M740001	LA12115	911016	K-1401	39	K-1039	MUX				
3216	M740001	LA12995	910308	K-1401	204	K-1039	MUX				
3217	M740001	LA13191	910308	K-1401	204	K-1039	MUX				
3218	M740001	LA13268	910503	K-1401	2	K-1039	MUX				
3219	M740001	LA13554	911002	K-1401	32	K-1039	MUX				
3220	M740001	LA14019	910222	K-1401	202	K-1039	MUX				
3221	M740001	LA14038	911002	K-1401	33	K-1039	MUX				
3222	M740001	LA21994	920623	K-1401	201	K-1039	MUX				
3223	M740001	LA26598	920613	K-1401	OFFC	K-1039	MUX				
3224	M740001	LA28221	920615	K-1401	90	K-1039	MUX				
3225	M740001	LA28909	921015	K-1401	40	K-1039	MUX				
3226	M740001	LA36044	930208	K-1401	4	K-1039	MUX				
3227	M740001	LA62880	861110	K-1401	12	K-1039	MUX				
3228	M740001	LA65756	861201	K-1401	7	K-1039	MUX				
3229	M740001	LA65855	860827	K-1401	2	K-1039	MUX				
3230	M740001	LA67292	860702	K-1401	114	K-1039	MUX				
3231	M740001	LA82774	881024	K-1401	12	K-1039	MUX				
3232	M740001	LA85607	881103	K-1401	95	K-1039	MUX				
3233	M740001	LA88157	900927	K-1401	92	K-1039	MUX				
3234	M740001	LA88359	881110	K-1401	P&E	K-1039	MUX				
3235	M740001	AGD1570	850214	K-1401	MUX	K-1401	111	K1401	113		
3236	M740001	GD12589	850829	K-1401	MUX	K-1401	280	K1401	280B		
3237	M740001	LA81628	880307	K-1407		K-1039	MUX				
3238	M740001	LA88611	880307	K-1407		K-1039	MUX				

	A	B	C	D	E	F	G	H	I	J	K
1	Main Acct.	Line Number	Active Date	Building 1	Room 1	Building 2	Room 2	Building 3	Room 3	Building 4	Room 4
3239	M740001	LA77703	871015	K-1414	PART	K-1039	MUX				
3240	M740001	LA85863	881019	K-1414	OFFC	K-1039	MUX				
3241	M740001	LA05595	900504	K-1420	1	K-1039	MUX				
3242	M740001	LA61958	860529	K-1420		K-1039	MUX				
3243	M740001	LA67054	860721	K-1420	LAB	K-1039	MUX				
3244	M740001	LA35247	930303	K-1420	COMM	K-1580	MUX				
3245	M740001	LA82206	930716	K-1423	4	K-1039	MUX				
3246	M740001	LA17122	910813	K-1430	OFC	K-1039	MUX				
3247	M740001	LA14912	910617	K-1501	OFC	K-1039	MUX				
3248	M740001	LA29006	921209	K-1501	SUPR	K-1039	MUX				
3249	M740001	GD34644	930208	K-1515		K-1101	BLUE				
3250	M740001	AGD1222	820402	K-1580	261	K1550-K					
3251	M740001	LA12106	910907	K-1600	4	K-1039	MUX				
3252	M740001	LA12938	910906	K-1600	13	K-1039	MUX				
3253	M740001	LA13245	910828	K-1600	011B	K-1039	MUX				
3254	M740001	LA13523	910823	K-1600	25	K-1039	MUX				
3255	M740001	LA14656	910907	K-1600	15	K-1039	MUX				
3256	M740001	LA15229	910822	K-1600	25	K-1039	MUX				
3257	M740001	LA15488	910907	K-1600	12	K-1039	MUX				
3258	M740001	LA18597	910828	K-1600	6	K-1039	MUX				
3259	M740001	LA26956	930209	K-1600	011A	K-1039	MUX				
3260	M740001	LA63821	910907	K-1600	011B	K-1039	MUX				
3261	M740001	LA65701	910823	K-1600	020A	K-1039	MUX				
3262	M740001	LA72079	910909	K-1600	001A	K-1039	MUX				
3263	M740001	LA72229	910907	K-1600	001B	K-1039	MUX				
3264	M740001	LA80077	880216	K-1600	001B	K-1039	MUX				
3265	M740001	LA80640	880915	K-1600	14	K-1039	MUX				
3266	M740001	LA81399	880504	K-1600	15	K-1039	MUX				
3267	M740001	LA82098	880216	K-1600	001A	K-1039	MUX				
3268	M740001	LA85807	880915	K-1600	9	K-1039	MUX				
3269	M740001	LA89991	880218	K-1600	8	K-1039	MUX				
3270	M740001	GD72349	870403	K-1650	CONF	9706-2	WAR				
3271	M740001	LA36007	930210	K-1650	CTRL	K-1039	MUX				
3272	M740001	LA37123	930628	K-1650	117	K-1580	HALL				
3273	M740001	LA37628	930628	K-1650	117	K-303-8	2FLR				
3274	M740001	GD14324	850426	K-1652	201	K-1039	MUX				
3275	M740001	LA01451	901127	K-1652	218	K-1039	MUX				
3276	M740001	LA04044	900731	K-1652	222B	K-1039	MUX				
3277	M740001	LA13847	911218	K-1652	238	K-1039	MUXX				

	A	B	C	D	E	F	G	H	I	J	K
1	Main Acct.	Line Number	Active Date	Building 1	Room 1	Building 2	Room 2	Building 3	Room 3	Building 4	Room 4
3278	M740001	LA16250	880726	K-1652	222	K-1039	MUX				
3279	M740001	LA23164	920923	K-1652	227	K-1039	MUX				
3280	M740001	LA29630	920127	K-1652	238	K-1039	MUX				
3281	M740001	LA61626	900417	K-1652	202	K-1039	MUX				
3282	M740001	LA63082	861120	K-1652	234	K-1039	MUX				
3283	M740001	LA63947	861110	K-1652	241	K-1039	MUX				
3284	M740001	LA72476	870212	K-1652	157	K-1039	MUX				
3285	M740001	LA73643	870923	K-1652	234	K-1039	MUX				
3286	M740001	LA78427	870209	K-1652	238	K-1039	MUX				
3287	M740001	LA79102	870212	K-1652	211	K-1039	MUX				
3288	M740001	LA84853	880909	K-1652	222A	K-1039	MUX				
3289	M740001	LA31708	931213	K-1652	227	K-303-8	2FLR				
3290	M740001	LA35243	931213	K-1652	227	K-303-8	2FLR				
3291	M740001	LA13115	851213	K-1652	MUX	K1004-L	WEST				
3292	M740001	LA02152	900810	K-25	PT07	K-1039	MUX				
3293	M740001	LA20147	920129	K-25	TRLR	K-1039	MUX				
3294	M740001	LA33405	930113	K-25	TRLR	K-1039	MUX				
3295	M740001	LA25415	920902	K-27	4022	K-1039	MUX				
3296	M740001	LA35844	930412	K-303-7	29	K-1039	MUX				
3297	M740001	LA21682	920204	K-304-1	2	K-1039	MUX				
3298	M740001	LA28417	920204	K-304-1	1	K-1039	MUX				
3299	M740001	LA24772	921203	K-304-2	1	K-1039	MUX				
3300	M740001	LA28941	921202	K-304-2	3	K-1039	MUX				
3301	M740001	LA33567	930812	K-304-4	SOUT	K-1652	125				
3302	M740001	LA16412	920317	K-33		K-1039	MUX				
3303	M740001	LA19807	910715	K-33	9	K-1039	MUX				
3304	M740001	LA23822	920421	K-33	COMP	K-1039	MUX				
3305	M740001	LA37328	931213	K-601	SW	K-1007	HALL				
3306	M740001	LA22244	931007	K-601	CONF	K-1039	MUX				
3307	M740001	GD21956	920506	K-722	OFFC	K-1039	MUX				
3308	M740001	GD27940	920506	K-722	OFFC	K-1039	MUX				
3309	M740001	LA30181	930210	K-731	COLM	K-1580	MUX				
3310	M740001	LA30116	930209	K-761	COLM	K-1580	MUX				
3311	M740001	LA11709	911023	K-892	SUPR	K-1035	112				
3312	M740001	LA18702	911023	K-892	SUPR	K-1035	112				
3313	M740001	LA19950	930929	K-892	SUPR	K-1035	112				
3314	M740001	LA39437	930309	K-892	TRLR	K-1035	112				
3315	M740001	AGD2097	830201	K1004-A	R112	K-1007	1003				
3316	M740001	LA65770	861010	K1004-C	223	K-1039	MUX				

	A	B	C	D	E	F	G	H	I	J	K
1	Main Acct.	Line Number	Active Date	Building 1	Room 1	Building 2	Room 2	Building 3	Room 3	Building 4	Room 4
3317	M740001	LA33022	930125	K1004-D	022A	K-1039	MUX				
3318	M740001	LA35088	930125	K1004-D	022A	K-1039	MUX				
3319	M740001	LA60250	880504	K1004-D	028A	K-1039	MUX				
3320	M740001	LA67798	861027	K1004-D	001F	K-1039	MUX				
3321	M740001	LA67941	860812	K1004-D	1	K-1039	MUX				
3322	M740001	LA70776	871026	K1004-D	7	K-1039	MUX				
3323	M740001	LA75450	880729	K1004-D	026A	K-1039	MUX				
3324	M740001	LA81541	880729	K1004-D	21	K-1039	MUX				
3325	M740001	LA82529	880729	K1004-D	23	K-1039	MUX				
3326	M740001	LA82771	880719	K1004-D	19	K-1039	MUX				
3327	M740001	LA05545	900227	K1004-J	E005	K-1039	MUX				
3328	M740001	LA10613	911002	K1004-J	3	K-1039	MUX				
3329	M740001	LA13215	910730	K1004-J	2	K-1039	MUXX				
3330	M740001	LA13754	911022	K1004-J	LAB	K-1039	MUX				
3331	M740001	LA14157	910221	K1004-J	LAB	K-1039	MUX				
3332	M740001	LA19122	910301	K1004-J	SOFC	K-1039	MUX				
3333	M740001	LA33239	930805	K1004-J	E-1	K-1039	MUX				
3334	M740001	LA36887	930702	K1004-J	0.00E+00	K-1039	MUX				
3335	M740001	LA37534	930702	K1004-J	0.00E+00	K-1039	MUX				
3336	M740001	LA38503	931114	K1004-J	BAY	K-1039	MUX				
3337	M740001	LA38589	931021	K1004-J	5	K-1039	MUX				
3338	M740001	LA62645	860827	K1004-J	E004	K-1039	MUX				
3339	M740001	LA81282	910221	K1004-J	1	K-1039	MUX				
3340	M740001	LA96676	890502	K1004-J	E-01	K-1039	MUXX				
3341	M740001	LA97947	910221	K1004-J	1	K-1039	MUX				
3342	M740001	AGD6245	911023	K1004-L	103	K-1039	MUX				
3343	M740001	GD19970	861010	K1004-L	008A	K-1039	MUX				
3344	M740001	LA03060	900813	K1004-L	4	K-1039	MUX				
3345	M740001	LA10375	911022	K1004-L	103	K-1039	MUX				
3346	M740001	LA12843	910826	K1004-L	4	K-1039	MUX				
3347	M740001	LA13402	910321	K1004-L	25	K-1039	MUX				
3348	M740001	LA13800	920102	K1004-L	2	K-1039	MUX				
3349	M740001	LA14149	911022	K1004-L	101	K-1039	MUX				
3350	M740001	LA15340	911213	K1004-L	14	K-1039	MUX				
3351	M740001	LA19370	920102	K1004-L	4	K-1039	MUX				
3352	M740001	LA20186	920613	K1004-L	2	K-1039	MUX				
3353	M740001	LA23671	920212	K1004-L	16	K-1039	MUXX				
3354	M740001	LA28957	920714	K1004-L	018A	K-1039	MUX				
3355	M740001	LA29135	920615	K1004-L	31	K-1039	MUX				

	A	B	C	D	E	F	G	H	I	J	K
1	Main Acct.	Line Number	Active Date	Building 1	Room 1	Building 2	Room 2	Building 3	Room 3	Building 4	Room 4
3356	M740001	LA38910	930426	K1004-L	21	K-1039	MUX				
3357	M740001	LA64028	861007	K1004-L	25	K-1039	MUX				
3358	M740001	LA65073	860919	K1004-L	15	K-1039	MUX				
3359	M740001	LA65767	870209	K1004-L	11	K-1039	MUX				
3360	M740001	LA66847	910211	K1004-L	15	K-1039	MUX				
3361	M740001	LA66902	880623	K1004-L	8	K-1039	MUX				
3362	M740001	LA68239	900316	K1004-L	002A	K-1039	MUX				
3363	M740001	LA68348	860903	K1004-L	11	K-1039	MUX				
3364	M740001	LA68690	861007	K1004-L	010A	K-1039	MUX				
3365	M740001	LA70329	870128	K1004-L	26	K-1039	MUX				
3366	M740001	LA72814	870305	K1004-L	24	K-1039	MUX				
3367	M740001	LA76347	870209	K1004-L	27	K-1039	MUX				
3368	M740001	LA84241	880928	K1004-L	102	K-1039	MUX				
3369	M740001	LA90920	890425	K1004-L	12	K-1039	MUXX				
3370	M740001	LA91171	890811	K1004-L	25	K-1039	MUX				
3371	M740001	LA92295	891101	K1004-L	21	K-1039	MUX				
3372	M740001	LA15040	920501	K1004-R	7	K-1029	MUX				
3373	M740001	LA11477	910912	K1004-R	6	K-1039	MUX				
3374	M740001	LA38263	930826	K1004-R	MEZZ	K-1039	MUX				
3375	M740001	LA13335	910808	K1004-U	MUX	K1004-T					
3376	M740001	LA97813	891106	K1008-C	HPRM	K-1039	MUX				
3377	M740001	LA69883	871204	K1008-D	112	K-1035	112				
3378	M740001	LA62384	871125	K1008-D	S	K-1039	MUX				
3379	M740001	LA10650	910221	K1008-F	120A	K-1039	MUX				
3380	M740001	LA16693	910530	K1008-F	CONF	K-1039	MUX				
3381	M740001	LA25921	920324	K1008-F	121	K-1039	MUX				
3382	M740001	LA33926	930113	K1013BM	TRLR	K-1039	MUX				
3383	M740001	LA23657	920217	K1024-C	TRNG	K-1039	MUX				
3384	M740001	LA36392	930928	K1024-D	1	K-1024	MUX				
3385	M740001	LA61402	861029	K102845	POR4	K-1039	MUX				
3386	M740001	LA12797	910507	K1034-A	2	K-1039	MUX				
3387	M740001	LA16581	910513	K1034-A	2FLR	K-1039	MUX				
3388	M740001	LA16257	910911	K1052-B	LASR	K-1039	MUX				
3389	M740001	LA16994	910313	K1052-B	2	K-1039	MUX				
3390	M740001	LA17062	911119	K1052-B		K-1039	MUX				
3391	M740001	LA17247	910911	K1052-B	9	K-1039	MUX				
3392	M740001	LA17462	920515	K1052-B		K-1039	MUX				
3393	M740001	LA17781	930127	K1052-B	DOCU	K-1039	MUX				
3394	M740001	LA17912	911001	K1052-B	LASR	K-1039	MUX				

	A	B	C	D	E	F	G	H	I	J	K
1	Main Acct.	Line Number	Active Date	Building 1	Room 1	Building 2	Room 2	Building 3	Room 3	Building 4	Room 4
3395	M740001	LA18801	920515	K1052-B		K-1039	MUX				
3396	M740001	LA23711	920612	K1052-B	OPEN	K-1039	MUX				
3397	M740001	LA36498	930224	K1052-B	OPEN	K-1039	MUX				
3398	M740001	LA02744	900220	K1310-D	7	K-1007	COMP				
3399	M740001	LA08843	900220	K1310-D	7	K-1007	COMP				
3400	M740001	LA69765	900222	K1310-D	7	K-1007	1003				
3401	M740001	LA11437	910726	K1310AA		K-1039	MUX				
3402	M740001	LA15414	910726	K1310AA		K-1039	MUX				
3403	M740001	LA18939	910726	K1310AA		K-1039	MUX				
3404	M740001	LA17014	910726	K1310AB		K-1039	MUX				
3405	M740001	LA19743	910726	K1310AB		K-1039	MUX				
3406	M740001	LA11674	910820	K1310AC		K-1039	MUX				
3407	M740001	LA17575	910820	K1310AC		K-1039	MUX				
3408	M740001	LA19026	910726	K1310AC		K-1039	MUX				
3409	M740001	LA13651	911118	K1310AM	TRLR	K-1039	MUX				
3410	M740001	LA19840	911118	K1310AM	TRLR	K-1039	MUX				
3411	M740001	LA13107	911118	K1310AN	TRLR	K-1039	MUX				
3412	M740001	LA14886	911118	K1310AN	TRLR	K-1039	MUX				
3413	M740001	LA18714	911118	K1310AN	TRLR	K-1039	MUX				
3414	M740001	LA13417	911118	K1310AQ	TRLR	K-1039	MUX				
3415	M740001	LA19478	911118	K1310AQ	TRLR	K-1039	MUX				
3416	M740001	LA31947	930824	K1310BE	RMKS	K-1039	MUX				
3417	M740001	LA39881	930824	K1310BE	RMKS	K-1039	MUX				
3418	M740001	LA38763	930118	K1310BM	TRLR	K-1035	MUX				
3419	M740001	LA33576	930113	K1310BM	TRLR	K-1039	MUX				
3420	M740001	LA10196	910614	K1423-D	MUX	K-1007	MUX				
3421	M740001	LA98085	900119	K1423-D	121	K-1039	MUX				
3422	M740001	LA12514	910729	K1423-G	7	K-1039	MUX				
3423	M740001	LA14481	910729	K1423-G	1	K-1039	MUX				
3424	M740001	LA16783	910729	K1423-G	3	K-1039	MUX				
3425	M740001	LA18725	910729	K1423-G	1	K-1039	MUX				
3426	M740001	LA19977	910729	K1423-G	8	K-1039	MUX				
3427	M740001	LA24455	920707	K1423-G	6	K-1039	MUX				
3428	M740001	LA32431	931111	K1430-A	1	K-1039	MUX				
3429	M740001	LA30892	931005	K1430-B	3	K-1039	MUX				
3430	M740001	LA38766	930921	K1430-B	2	K-1039	MUX				
3431	M740001	LA07114	900309	K1435-A	CNTL	K-1039	MUX				
3432	M740001	LA14844	910418	K1435-H	TRLR	K-1039	MUX				
3433	M740001	LA17842	920401	K1435-H	TRLR	K-1039	MUX				

	A	B	C	D	E	F	G	H	I	J	K
1	Main Acct.	Line Number	Active Date	Building 1	Room 1	Building 2	Room 2	Building 3	Room 3	Building 4	Room 4
3434	M740001	LA23141	920514	K1435-H	TRLR	K-1039	MUX				
3435	M740001	LA23519	920421	K1435-H	TRLR	K-1039	MUX				
3436	M740001	LA02488	900329	K1435-I	10	K-1039	MUX				
3437	M740001	LA03160	900620	K1435-I	6	K-1039	MUX				
3438	M740001	LA05352	900329	K1435-I	1	K-1039	MUX				
3439	M740001	LA05619	900620	K1435-I	8	K-1039	MUX				
3440	M740001	LA05620	910703	K1435-I	3	K-1039	MUX				
3441	M740001	LA08567	900328	K1435-I	2	K-1039	MUX				
3442	M740001	LA11062	910128	K1435-I	8	K-1039	MUX				
3443	M740001	LA16017	910806	K1435-I	2	K-1039	MUX				
3444	M740001	LA29107	920708	K1435-I	4	K-1039	MUX				
3445	M740001	LA35758	930112	K1435-I	8	K-1039	MUX				
3446	M740001	LA39729	931115	K1435-I	3	K-1039	MUX				
3447	M740001	LA61533	900821	K1435-I	5	K-1039	MUX				
3448	M740001	LA70330	910815	K1435-I	TRLR	K-1039	MUX				
3449	M740001	LA38191	930820	K1435-J	NW	K1435-S	MUX				
3450	M740001	LA34735	930820	K1435-K	00SE	K1435-S	MUX				
3451	M740001	LA36415	930817	K1435-K	1	K1435-S	MUX				
3452	M740001	LA32354	930507	K1435-Q	3	K1435-S	MUX				
3453	M740001	LA33161	930507	K1435-Q	8	K1435-S	MUX				
3454	M740001	LA35845	930507	K1435-Q	1	K1435-S	MUX				
3455	M740001	LA37423	931213	K1435-Q	4	K1435-S	MUX				
3456	M740001	LA38434	930526	K1435-Q	MUX	K1435-S	MUX				
3457	M740001	LA39148	930507	K1435-Q	2	K1435-S	MUX				
3458	M740001	LA29773	920416	K1435-S	TRLR	K-1039	MUX				
3459	M740001	LA33898	930519	K1435-S	COMM	K-1580	MUX				
3460	M740001	LA30489	930507	K1435-T	4	K1435-S	MUX				
3461	M740001	LA30697	930507	K1435-T	6	K1435-S	MUX				
3462	M740001	LA31837	930507	K1435-T	9	K1435-S	MUX				
3463	M740001	LA34211	930507	K1435-T	8	K1435-S	MUX				
3464	M740001	LA38063	930507	K1435-T	1	K1435-S	MUX				
3465	M740001	LA30532	931015	K1435-U	1	K1435-S	MUX				
3466	M740001	LA31070	931015	K1435-U	7	K1435-S	MUX				
3467	M740001	LA31730	931015	K1435-U	6	K1435-S	MUX				
3468	M740001	LA32033	931015	K1435-U	8	K1435-S	MUX				
3469	M740001	LA33076	931015	K1435-U	4	K1435-S	MUX				
3470	M740001	LA34443	931015	K1435-U	5	K1435-S	MUX				
3471	M740001	LA36140	931015	K1435-U	9	K1435-S	MUX				
3472	M740001	LA37609	931015	K1435-U	3	K1435-S	MUX				

	A	B	C	D	E	F	G	H	I	J	K
1	Main Acct.	Line Number	Active Date	Building 1	Room 1	Building 2	Room 2	Building 3	Room 3	Building 4	Room 4
3473	M740001	LA39511	931015	K1435-U	2	K1435-S	MUX				
3474	M740001	LA13621	910426	K1546-C	3	K-1001	MUX				
3475	M740001	LA13973	921019	K1546-C	6	K-1001	MUX				
3476	M740001	LA14971	910426	K1546-C	4	K-1001	MUX				
3477	M740001	LA16605	910426	K1546-C	2	K-1001	MUX				
3478	M740001	LA16873	910426	K1546-C	8	K-1001	MUX				
3479	M740001	LA19169	910426	K1546-C	7	K-1001	MUX				
3480	M740001	LA77551	870925	K1550-B	2	K-1039	MUX				
3481	M740001	LA84173	880629	K1550-B	8	K-1039	MUX				
3482	M740001	LA91119	891009	K1550-B	7	K-1039	MUX				
3483	M740001	LA94941	891010	K1550-B	6	K-1039	MUX				
3484	M740001	LA20684	920723	K1550-C	9	K-1039	MUX				
3485	M740001	LA26926	920430	K1550-C	6	K-1039	MUX				
3486	M740001	LA63113	861105	K1550-C	1	K-1039	MUX				
3487	M740001	LA60898	910131	K1550-D	1	K-1039	MUX				
3488	M740001	LA62572	860912	K1550-D	3	K-1039	MUX				
3489	M740001	LA65566	860912	K1550-D	9	K-1039	MUX				
3490	M740001	LA67168	860912	K1550-D	7	K-1039	MUX				
3491	M740001	LA71729	870108	K1550-D	TRLR	K-1039	MUX				
3492	M740001	LA74571	870108	K1550-D	TRLR	K-1039	MUX				
3493	M740001	LA78173	870108	K1550-D	TRLR	K-1039	MUX				
3494	M740001	LA60488	860825	K1550-E	3	K-1039	MUX				
3495	M740001	LA63553	860811	K1550-E	2	K-1039	MUX				
3496	M740001	LA23748	920622	K1550-F	5	K-1039	MUX				
3497	M740001	LA27353	920709	K1550-F	1	K-1039	MUX				
3498	M740001	LA28013	920622	K1550-F	3	K-1039	MUX				
3499	M740001	LA35980	930901	K1550-F	1	K-1039	MUX				
3500	M740001	LA83619	920622	K1550-F	7	K-1039	MUX				
3501	M740001	LA95258	890228	K1550-F	8	K-1039	MUX				
3502	M740001	LA95542	890228	K1550-F	9	K-1039	MUX				
3503	M740001	LA97021	890228	K1550-F	6	K-1039	MUX				
3504	M740001	LA62468	860616	K1550-G	3	K-1039	MUX				
3505	M740001	LA63094	860616	K1550-G	2	K-1039	MUX				
3506	M740001	LA64006	860616	K1550-G	1	K-1039	MUX				
3507	M740001	LA69150	861120	K1550-H	3	K-1039	MUX				
3508	M740001	LA75625	870925	K1550-H	1	K-1039	MUX				
3509	M740001	LA11201	910715	K1550-I	3	K-1039	MUX				
3510	M740001	LA75664	870925	K1550-I	2	K-1039	MUX				
3511	M740001	KDU0011	890202	K1550-L	14	K1550-K	MUX				

	A	B	C	D	E	F	G	H	I	J	K
1	Main Acct.	Line Number	Active Date	Building 1	Room 1	Building 2	Room 2	Building 3	Room 3	Building 4	Room 4
3512	M740001	LA23389	920305	K1550-T	10	K-1039	MUX				
3513	M740001	LA69499	870925	K1550-T	2	K-1039	MUX				
3514	M740001	LA74787	871007	K1550-T	8	K-1039	MUX				
3515	M740001	LA89159	880702	K1550-T	11	K-1039	MUX				
3516	M740001	LA90100	890117	K1550-T	2	K-1039	MUX				
3517	M740001	LA96167	891026	K1550-T	1	K-1039	MUX				
3518	M740001	LA96842	891026	K1550-T	11	K-1039	MUX				
3519	M740001	AGD2856	900703	K1550-U	9	K-1039	MUX				
3520	M740001	LA01103	900829	K1550-U	8	K-1039	MUX				
3521	M740001	LA18081	910711	K1550-U	5	K-1039	MUX				
3522	M740001	LA98333	891004	K1550-U	7	K-1039	MUX				
3523	M740001	AGD0394	881202	K1550-W	8	K-1039	MUX				
3524	M740001	LA00667	901128	K1550-W	3	K-1039	MUX				
3525	M740001	LA19641	910805	K1550-W	7	K-1039	MUX				
3526	M740001	LA31907	930818	K1550-W	2	K-1039	MUX				
3527	M740001	LA37657	930613	K1550-W	2	K-1039	MUX				
3528	M740001	LA78395	881215	K1550-W	2	K-1039	MUX				
3529	M740001	LA83879	881215	K1550-W	9	K-1039	MUX				
3530	M740001	LA84348	881215	K1550-W	4	K-1039	MUX				
3531	M740001	LA00654	900302	K1654-B	1	K1654-K	MUX				
3532	M740001	LA04796	900226	K1654-D	3	K1654-K	MUX				
3533	M740001	LA07153	900226	K1654-D	3	K1654-K	MUX				
3534	M740001	LA08698	900226	K1654-D	3	K1654-K	MUX				
3535	M740001	LA08868	930308	K1654-D	3	K1654-K	MUX				
3536	M740001	LA36331	931019	K1654-D	9	K1654-K	MUX				
3537	M740001	LA91111	921229	K1654-D	5	K1654-K	MUX				
3538	M740001	GL20062	921213	K1654-K		K1654-D					
3539	M740001	GL21370	921213	K1654-K		K1654-D					
3540	M740001	GL22640	921213	K1654-K		K1654-D					
3541	M740001	GL23133	921213	K1654-K		K1654-D					
3542	M740001	GL23406	921213	K1654-K		K1654-D					
3543	M740001	GL23855	921213	K1654-K		K1654-D					
3544	M740001	GL24473	921213	K1654-K		K1654-D					
3545	M740001	GL25288	921213	K1654-K		K1654-D					
3546	M740001	GL25553	921213	K1654-K		K1654-D					
3547	M740001	GL25895	921213	K1654-K		K1654-D					
3548	M740001	GL26666	921213	K1654-K		K1654-D					
3549	M740001	GL27548	921213	K1654-K		K1654-D					
3550	M740001	GL28550	921213	K1654-K		K1654-D					

	A	B	C	D	E	F	G	H	I	J	K
1	Main Acct.	Line Number	Active Date	Building 1	Room 1	Building 2	Room 2	Building 3	Room 3	Building 4	Room 4
3551	M740001	GL28711	921213	K1654-K		K1654-D					
3552	M740001	GL28890	921213	K1654-K		K1654-D					
3553	M740001	GL29155	921213	K1654-K		K1654-D					
3554	M740001	GL29350	921213	K1654-K		K1654-D					
3555	M740001	GL29463	921213	K1654-K		K1654-D					
3556	M740001	GL29621	921213	K1654-K		K1654-D					
3557	M740001	GL29914	921213	K1654-K		K1654-D					
3558	M740001	LA22376	930201	K1654-Q	1	K1654-K	MUX				
3559	M740001	LA25567	930407	K1654-Q	1	K1654-K	MUX				
3560	M740001	GD89454	881212	OS3	107	K-1039	MUX				
3561	M740001	GL25171	920923	POLLARD	134	FEDERAL	B011				
3562	M740001	LA07569	920608	X-10	TRLR	4508	217				
3563	M740001	GD03618	900531	X-10	PT19	4500-N	TELE				
3564	M740001	LA04548	920608	X-10	TRLR	4500-N	270				
3565	M740001	LA27344	920903	X-10	TRLR	4500-N	294				
3566	M740001	LA31486	930803	X-10	TRLR	4500-N	294				
3567	M740001	LA78405	920608	X-10	TRLR	4500-N	270				
3568	M740001	LA20538	920429	Y-12	TRLR	9702	MUX				
3569	M740001	LA24969	920429	Y-12	TRLR	9702	MUX				
3570	M740001	LA26199	921114	Y-12	EVAC	9702	MUX				
3571	M740001	LA29578	920908	Y-12	PT15	9702	MUX				
3572	M740001	LA34468	930923	Y-12	TRLR	9702	MUX				
3573	M740001	LA66088	930510	Y-12	TRLR	9702	MUX				
3574	M740001	LA13212	910311	Y-12	PT33	9706-2	PSS				
3575	M740001	LA01778	910104	Y-12	P33B	9710-3	CLOS				
3576	M740001	LA16562	910104	Y-12	P33A	9710-3	CLOS				
3577	M740001	LA18367	910104	Y-12	PT33	9710-3	CLOS				
3578	M740001	LA91098	890106	Y-12	PT1B	9710-3	241				
3579	M740001	LA98740	890106	Y-12	PT1A	9710-3	241				

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ATTACHMENT B

K/CSD/INF-8822
(Rev. E)

TECHNICAL SPECIFICATION

AND

STATEMENT OF WORK

FOR THE

TELECOMMUNICATIONS MANAGEMENT SYSTEM

MARCH 10, 1994

Table of Contents

1.0 GENERAL REQUIREMENTS 1

1.1 Scope 1

2.0 FUNCTIONAL REQUIREMENTS 2

2.1 TMS General Functional Requirements 2
2.1.1 Integrated Product 2
2.1.2 Modularity 2
2.1.3 System Information Reporting 2
2.1.4 User Interface 2
2.1.5 Multiple Users 2
2.1.6 Communications to Multiple Users (Reserved) 3
2.1.7 Error Correction and Information Update 3
2.1.8 ISDN Functionality 3
2.1.9 Installed Inventory Record Keeping 3
2.1.9.1 Installed Equipment Inventory Verification 3
2.1.9.2 Services For A Customer 3
2.1.10 Service Order Revision 3
2.2 Service Order Entry 4
2.2.1 Service Requestors and Order Takers 4
2.2.2 Preliminary Requests 4
2.2.3 Duplicate Order Generation 4
2.2.4 Types of Service Orders 4
2.2.4.1 Trouble and Repair 4
2.2.4.2 Information Only Service Orders 5
2.2.4.3 Routine Service Requests 5
2.2.4.4 Facility/Project Jobs 5
2.2.4.5 VDTS Only Jobs 5
2.2.5 Station Identity Number 5
2.2.5.1 Non-VDTS Networks 5
2.2.5.2 Installed Inventory Records 6
2.2.5.3 Extensions 6
2.2.6 New Services 6
2.2.7 Data Retrieval and Display 6
2.2.8 Customer Location Different from Service Location 6
2.2.9 Optional Information 6
2.2.10 Describe Services, Equipment, and Features 6
2.2.11 Sequencing of USOC Tasks (Reserved) 7
2.2.12 USOC Standard Equipment and Service Groups 7
2.2.13 Information Verification 7
2.2.14 Duplicate Order Prevention 7
2.2.15 Prompting for Directory Information 7
2.2.16 Alternate Phone Numbers 8
2.2.17 Deleting Directory Information (Unlisted Numbers) 8
2.2.18 Jobs Involving only VDTS Changes 8
2.2.19 Unique Order Identity 8
2.2.20 Finishing Up Order Entry 8
2.3 Post Order Entry Process 8
2.3.1 Time Frame of Execution 8

2.3.2 Order of Execution 9
2.3.3 Additional Information for Technicians and Billing 9
2.3.4 Station Number Assignment 9
2.3.5 Priority and Sequence Default Assignments (Reserved) 9
2.3.6 Project (Facility) Jobs (Reserved) 9
2.3.7 Cable Assignments/Cable Management 9
2.3.7.1 Purpose of Cable Management 9
2.3.7.2 Description of Current Cable Schemes 9
2.3.7.3 Cabling Information Required 10
2.3.8 Cable Information Use 10
2.3.8.1 Cable Availability and Cable Capacity Status 10
2.3.8.2 Automatic Cable Routing Assignments 10
2.3.8.3 Manual Cable Routing Assignments 11
2.3.9 Existing Cable Diagrams/Information Reports and Displays 11
2.3.9.1 Cable Tracking Reports (Reserved) 11
2.3.9.2 Cabling Information for Service Orders and Trouble Tickets 11
2.3.9.3 Cabling Equipment Inventory Report 11
2.3.9.4 Interfaces Necessary to Produce Capacity and Usage Reports for Network and Traffic Analysis 11
2.3.10 Uninstalled Equipment Inventory Function 11
2.3.10.1 Multiple Stock Locations 11
2.3.10.2 Equipment Allocation 12
2.3.10.3 Ensuring Equipment Availability (Reserved) 12
2.3.10.4 Inventory Records Status (Reserved) 12
2.4 Scheduling Process (Reserved) 12
2.4.1 Timeframe of Execution (Reserved) 12
2.4.2 Scheduling Separate Crews (Reserved) 12
2.4.3 Specifying Orders to be Scheduled (Reserved) 12
2.4.4 Tracking Orders "On Hold" 12
2.4.5 Editing Job Scheduling Information (Reserved) 12
2.4.6 Project Information (Reserved) 12
2.4.7 Project Tracking and Management (Reserved) 13
2.4.8 Scheduling a Due Date Vs. Tracking by Order Entry Date (Reserved) 13
2.4.9 Checking on Requested Due Dates (Reserved) 13
2.4.10 Due Date Calculation Parameters (Reserved) 13
2.4.11 Calendar for Due Date Assignment (Reserved) 13
2.4.12 "Locking" Service Orders 13
2.4.13 Customer/Service Providers Notifications (Reserved) 13
2.5 Activities During Field Work 13
2.5.1 Orders on Hold (Equipment Shortages or Non Sequence Compliance) 13
2.5.2 Service Order Copies 14
2.5.3 Changing Due Dates 14
2.5.4 Pulling Equipment from Stockrooms 14
2.5.5 Field Problem Logging and Communications 14
2.6 Order Close-Out/Updating 14
2.6.1 Sequence of Events 14
2.6.2 Electronic Connection of Service Providers to TMS 14
2.6.3 Field Problems and Activity Data 14
2.6.4 Closing Out Different Service Providers Activities (Reserved) 15
2.6.5 Updating Databases/Files 15
2.6.6 Cost Information Identification 15
2.6.7 Cost Information Storage and Transfer 15
2.7 Monthly Toll Cost 15
2.7.1 Toll Cost Data Inputs 15

2.7.2 Toll Call Number Validation 15
2.7.3 Cost Calculations (Reserved) 16
2.7.4 Long Distance Verification 16
2.7.5 Toll Identification, Storage, and Transfer Needs 16
2.8 Directory Inquiry/Update 16
2.8.1 Directory Information Query Users 16
2.8.2 Types of Query Searches 16
2.8.3 Minimum Directory Listing Information 16
2.8.4 Non-ORF/ICN Directory Information Storage 16
2.8.5 Special Types of Directory Listings 17
2.8.6 Functional Listing and Alphabetical Customer Listing 17
2.8.7 Information for Searches 17
2.8.8 Display of Directory Information 17
2.8.9 Mass Updates to Directory Database (Reserved) 17
2.8.10 Automatic Updates to Individual Directory Listings 17
2.8.11 User Updates to Individual Directory Listings (Reserved) 17
2.8.12 Directory Printing 17
2.8.13 Transfer to Other Databases 17

3.0 COMPUTER SYSTEM REQUIREMENTS 18

3.1 Hardware Requirements 18
3.1.1 Availability 18
3.1.2 On-Line Storage Requirements 18
3.1.3 Interactive Communications Requirements 18
3.1.4 Input/Output Requirements 19
3.1.5 Hardware Maintenance 19
3.1.6 Installation 20
3.1.7 Development System 20
3.2 Software Requirements 20
3.2.1 Operating System Software 20
3.2.2 Operating System Security 21
3.2.3 System Software 21
3.2.3.1 Reserved 21
3.2.3.2 TCP/IP 21
3.2.3.3 Electronic Mail (Reserved) 22
3.2.3.4 Print Spooler 22
3.2.3.5 Report Generator 22
3.2.4 Database Management System 22
3.3 Computer System Performance 23
3.4 Support Staff Security Requirements 23
3.5 Contractor Support of Software 23
3.6 Computer Systems Documentation 24

4.0 QUALITY ASSURANCE REQUIREMENTS 25

4.1 Project Management 25
4.2 Software Development and Maintenance 26
4.3 Test and Acceptance 27
4.4 Training 29
4.5 Data Conversion 30

4.6 Documentation 31
4.7 Operational Readiness Review 31

5.0 DATA REQUIREMENTS 33

5.1 Modularity 33
5.2 Integrated System 33
5.3 Reserved 33
5.4 General Database/File Requirements 33
5.5 Functional Modules 33
5.6 Access to Functions 34
5.7 Audit Trails 34
5.8 Dates 34
5.9 Interface Programs 34
5.10 TMS Interface with VDTS 34
5.11 Elements 34
5.11.1 Element Groups and Sizes 34
5.11.2 Additional Data Elements Required 34
5.11.3 Customer Information 35
5.11.4 Service Being Provided 36
5.11.5 Requests for Service 37
5.11.6 Order Completion 38
5.11.7 Uninstalled Inventory 38
5.11.8 Scheduling 39
5.12 Tables 39
5.12.1 Table Creation 39
5.12.2 Codes 39
5.12.3 Updating Tables During Validation 39
5.12.4 List of Tables 39
5.13 Editing, Validating, and Information Transfer 42
5.13.1 Account/Work Order Validation 42
5.13.1.1 Work Order File 42
5.13.1.2 Account File 42
5.13.1.3 Directory File 43

6.0 APPENDIX 44

Appendix TMS 1: Glossary
Appendix TMS 2: System Activity Information
Appendix TMS 3: Major Documents Required After Award
Appendix TMS 4: Exhibit 1: Interface and Functional Diagrams
Exhibit 2: Current Wiring Identities
Exhibit 3: Current Databases
Appendix TMS 5: Samples of Specific Reports to be Pre-Formatted
Appendix TMS 6: Flowcharts
Appendix TMS 7: Business Objectives
Appendix TMS 8: Training Requirements

1.0 GENERAL REQUIREMENTS

1.1 Scope

This specification provides requirements for a Telecommunications Management System (TMS). The scope of work requested includes furnishing, installing, supporting, and maintaining all hardware and software necessary to provide a complete TMS. The Contractor shall operate the installed TMS computer system. The Contractor shall train users and provide documentation and training materials on the use and operation of all installed systems.

Phase I of the TMS Project is the time prior to acceptance of the Voice and Data Telecommunications System (VDTS) when the TMS will be utilized by the Contractor for database loading and upkeep. Phase II begins at acceptance of the VDTS and continues for the contract period. The TMS hardware and software shall be available to the DOE to provide training, debugging of internal applications utilizing TMS information, and functional experience a minimum of three months before the Oak Ridge Federal Integrated Communications Network (ORF-ICN) cutover. The TMS will be accepted as part of the VDTS acceptance.

Flowcharts of the Phase II TMS concept (Appendix TMS-6) depict a current vision of typical business activities necessary to utilize the TMS with the new ORF-ICN while meeting the TMS business objectives (Appendix TMS-7). The business objectives (Appendix TMS-7) described are dependent upon TMS based communications between several user departments, the Contractor, and service providers. The TMS is envisioned as the communications link between information residing in the TMS, the VDTS, other information storage areas of DOE, and the Contractor's internal data storage requirements (example: Contractor's uninstalled equipment inventory). In addition, the TMS will be used as the vehicle for requesting services and for record keeping of <u>all Telecommunications networks including networks not connected to the new PBX</u> (i.e., radio, special circuits described in the VDTS specification, cellular, etc.). Within the context of this specification, this record keeping is referred to as installed inventory.

Section 2.0 (Functional Requirements) generally follows the flowcharts (Appendix TMS-6) section by section and includes additional details and examples. The flowchart sectional divisions are: Service Order Entry, Post Order Entry Process (which includes cable assignments and inventory tracking), Scheduling Process, TMS Activities During Field Work, Order Close-Out/Updates, Monthly Toll Cost Processing, and Directory Inquiries/Updates.

The Data Requirements Section of the specification shall be used for all data elements, tables, non-VDTS information storage needs, database interfaces, and validation requirements.

It is important to apply and understand the terms used in this specification. Please refer to the Appendix TMS-1 Glossary. For example, Network represents various types of Telecommunications services such as telephone stations as well as voice mailboxes, in-plant pagers, data line connections, etc.

2.0 FUNCTIONAL REQUIREMENTS

This section lists the TMS functional requirements for meeting the business objectives described in Appendix TMS-7. Additional supplementary information is included for clarity and understanding. This supplementary information is *italicized:* a response is not required. References are included to Appendix TMS-6 Flowchart Activities to provide an understanding of where a requirement fits in the work process.

2.1 TMS General Functional Requirements

2.1.1 Integrated Product

The TMS offered shall be an integrated product meeting the requirements of the specification. The Contractor may integrate separate products to meet the requirements as long as the TMS functions as a single system. A standard off-the-shelf product is preferred, but enhancements through software development and customization are allowed to achieve the requirements of this specification.

Modifications to existing, standard off-the-shelf software are acceptable provided that they are supported as an original product such that the TMS software operates in accordance with this specification when new software versions, releases, or updates are installed on the TMS.

2.1.2 Modularity

The TMS shall be modular in design to allow implementation of future applications.

2.1.3 System Information Reporting

The system (TMS or VDTS) shall provide upon demand pre-formatted (requiring minimal report set-ups by the User) reports similar to those listed in Appendix TMS-5.

The TMS shall contain a report generator for ad hoc reporting and queries that shall access any information in the system (i.e. access to information both in the TMS and in functions or databases related to the TMS, such as the VDTS and the Cable Management records). These queries shall be specified using any combinations of database fields. The TMS shall allow the user to save the setups of specific reports for repeated use (see section 3.2.3.5).

2.1.4 User Interface

The ability to swap between a minimum of two functions and/or screens by a single user is required.

2.1.5 Multiple Users

The TMS shall provide access for multiple persons at multiple sites (division coordinators, site coordinators, service order takers, console operators, schedulers, service providers, TMS

administrators, inventory users, and accounting personnel) for inputting and viewing information required during the life of active service orders (from order inception through final order close-out and order archiving).

2.1.6 Communications to Multiple Users. Reserved

2.1.7 Error Correction and Information Update

The TMS shall provide at least the following methods for making corrections to any data element in the system:

1) authorized individuals shall be allowed to edit system generated service order fields as the fields are presented to the user during the creation of a service order;

2) the system shall provide for a special session to:

   a) edit an existing entity (table, database, or service order), or

   b) to make mass updates to all entities that contain an error (i.e. change an account number on all active service orders) or require change.

2.1.8 ISDN Functionality

The TMS shall allow the user to input, identify, update, configure, and download all station types (analog, ISDN voice/data, and digital non-ISDN) and data services as defined by Y/EN-2351 Section 3.2.3.3.

2.1.9 Installed Inventory Record Keeping

2.1.9.1 Installed Inventory Verification

The TMS shall provide inventory information regarding services provided customers for the verification of that service. This verification is periodical and for a selected portion of the inventory each time.

2.1.9.2 Services For A Customer

The TMS shall associate and identify all Telecommunications Services (both VDTS and non VDTS) for a particular customer. Example: John Doe, Badge Number 11111, in the Telecommunications Department., Building K-100, Room 10, has an XYZ Merlin telephone, voice mail, an in-plant pager, and a cellular telephone.

2.1.10 Service Order Revision

Version control for all service orders is required from the creation of the service order through the close-out process. At a minimum, the TMS shall keep track of the user making the change, the date and time of the change, and what was changed. This information shall be retained indefinitely with the other service order information.

2.2 Service Order Entry

The Service Order is the primary instrument for gathering (from both the service requestor and existing information in DOE files) all the information necessary to provide that service (for any Telecommunications network) through field work, a TMS database change, or a change to the PBX database.

Adequate and accurate information is required for all requests: who, location, how/who to contact, when, accounting information, what equipment and services are required, what cabling already exists, etc.

2.2.1 Service Requestors and Order Takers

The service requests may come from a variety of locations using a variety of means. The customer may communicate the need directly to the service order group, or to a customer's Telecommunications Coordinator, who will transfer that information to the service order group. This request may be via an Electronic Mail request, a direct preliminary order input request, or through a direct connection to the TMS. (Appendix TMS-6, Flowchart Activities 1-3)

2.2.2 Preliminary Requests

The preliminary order input request shall be transferred, by the TMS, into a pending file for review by the service order group. The group shall be provided a method to review the preliminary order. The log-on identification of the preliminary order input requestor, the date, and the time shall be logged by the system. (Appendix TMS-6, Flowchart Activity 2)

2.2.3 Duplicate Order Generation

The TMS shall contain a mechanism for generating a duplicate of the information in a specific service order which can then be modified as required for situations in which two or more requests need to be generated for similar services (such as moving the telephones for a group of people from one building to another). For facility work, similar requests shall be grouped together as a project. (Appendix TMS-6 Flowchart Activity 4)

2.2.4 Types of Service Orders

2.2.4.1 Trouble and Repair

Trouble requests shall be treated as a service type order but given a higher priority The tracking methods for trouble tickets may be separate from the service orders as long as the information and functionality of Section 2 are met.. *The trouble ticket provides a method to record, process, and analyze reported Telecommunication service problems from customers.*

These requests are called in to the published telephone number of a console attendant with access to the TMS (Appendix TMS-6, Flowchart Activity 2).

Upon entering the station identity, the TMS shall either indicate that the station already has an open trouble service order (Appendix TMS-6, Flowchart Activity 11C) or display pertinent information from the database (Appendix TMS-6, Flowchart Activity 5B: customer name, location, cabling, service provided, etc.)

A method for providing notification (Appendix TMS-6, Flowchart Activity 34) to the appropriate service provider(s) in a timely and convenient manner is required. The creation of a hard copy for trouble tickets is required.

2.2.4.2 Information Only Service Orders

The TMS shall provide a method similar to an "Information Only" service order (See Section 2.1.7) to add billing charges for equipment and services and to correct other errors (such as invalid charge numbers).

2.2.4.3 Routine Service Requests

The TMS shall identify and process routine service orders such as Telecommunications equipment installations, moves, and removals, along with the associated line and feature connections and disconnections. The system shall accommodate requests for services for VDTS or Non-VDTS networks, and requests involving multiple service providers *(the Contractor, various maintenance organizations, or other service providers).*

2.2.4.4 Facility/Project Jobs

An automated method shall be provided to identify and process related tasks for a project. *Project jobs primarily involve providing service for a new building facility. Projects have initial wiring design and wiring installation activities in addition to having several related new telephone equipment installations and connections after the building wiring is complete (Appendix TMS-6, Flowchart Activity 28).*

2.2.4.5 VDTS Only Jobs

An automated method shall be provided to identify and process requests which do not require intervention from a labor contractor or a maintenance organization but only require a VDTS change (Appendix TMS-6, Flowchart Activity 13). *Examples of an order of this type include feature only changes on an installed station that is connected to the PBX.*

2.2.5 Station Identity Number

Each specific service (voice, data, credit card, pager, etc.) provided a customer shall be identified with a discrete station number. *See Appendix 1 for a definition of Station.*

2.2.5.1 Non-VDTS Networks

Note that not all station numbers will be connected to the VDTS, as some of the Telecommunications networks requesting service through the TMS may be based on different technologies such as radio. The TMS shall assign unique station numbers for non-VDTS network services and to distinguish between VDTS vs. non-VDTS station numbers during the validation process (VDTS numbers require "approval" from the VDTS before activation to ensure switch integrity). The Cable Management Function shall make cable assignments for Contractor maintained networks (Appendix TMS-6, Flowchart Activity 21).

2.2.5.2 Installed Inventory Records

Installed Inventory Information elements shall be associated with their unique station number as defined in the Data Requirements Section (See Section 5).

2.2.5.3 Extensions

The TMS shall identify extensions with a common identity. The extension information shall be included on affected service orders as well as retained in the database for inquiry, change, or deletion at a later date.

2.2.6 New Services

For a customer with existing other services, the TMS shall automatically provide the existing customer information and prompt for any additional information needed to define the new service. (Appendix TMS-6, Flowchart Activities 5-6)

2.2.7 Data Retrieval and Display

A business objective is to be able to obtain and enter Service information in the system quickly, with minimum customer hassle, and with minimum order taker hassle to avoid subsequent re-entries and corrections. To accomplish this, the system shall access DOE files (account/work order, station identity information, customer information, and building descriptions) to minimize the re-keying of existing electronic information. The TMS shall automatically retrieve and display such data in existing files based on a combination of keystrokes entered by the user. *An example of this would be to key in an existing station number and to have all the relevant information about the station user, location, and equipment (including key system and extensions) that is needed for Order Taking, be displayed.*

2.2.8 Customer Location Different from Service Location

The TMS shall retrieve, display, and store duplicate information fields for those cases where the customer's location is different from the service location, and for those cases where locations at both ends of a circuit need to be described.

2.2.9 Optional Information

The TMS shall allow the central service order group to easily skip optional fields. Optional field designations will be determined after award. (See Section 5.11.1.) *Three known optional entry items are: requested due date, order notes, and priority.* (Appendix TMS-6, Flowchart Activity 7)

2.2.10 Describe Services, Equipment, and Features

A method shall be provided to describe and inventory services, equipment, and features requested through service orders. Each service order shall be capable of having multiple equipment and features listed. It is preferred that interpretation of coded items be reflected on any output as a description of the code. The information elements (such as quantity and description) necessary for

interaction with the service order taker must be automatically displayed if a feature, equipment, or service code is keyed in.

A code(s) shall be provided for designating a particular pre-grouped collection of features/equipment such that when entered, the system will generate the applicable items.

The TMS shall provide for indicating the quantity of each item on a service order and whether the item is to be added or deleted during a standard service activity.

2.2.11 Sequencing of USOC Tasks

Reserved

2.2.12 USOCs Standard Equipment and Service Groups

A standard list of equipment, services, and service activity sequences shall be user definable (and editable) for standard (similar) order profiles.

The TMS shall automatically display all standard equipment, group information, service information and work activity sequences for each task required to complete the service order based on a minimum set of keystrokes (i.e. the order type and network identification keyed in, an equipment or services group identity may also need to be keyed in). *An example could be an add for a basic telephone set in which a specific set of equipment and services (USOCs) in a specific sequence is required to complete the installation. Rather than the user typing the equipment and services in a specific sequence each time a basic add is requested, the TMS would automatically display, in the proper fields, the requirements.*

The TMS shall allow the user to edit the standard equipment displayed and to enter additional special equipment/services on an order by keying in additional USOC type codes.

2.2.13 Information Verification

The TMS shall verify the order information on the station with the database information and report errors for correction to the user during the order entry process (Appendix TMS-6, Flowchart Activities 10-11). The validity of station assignments for stations being served through the PBX must be confirmed or assigned directly by the PBX to ensure switch integrity.

2.2.14 Duplicate Order Prevention

The TMS shall display for the user entering the order, all open orders related to the station number requesting service to prevent service duplication. (This is particularly important for trouble service orders.) (Appendix TMS-6, Flowchart Activities 10-11)

2.2.15 Prompting for Directory Information

The TMS shall determine, based on the order type, network identification, and the order information, if a directory change is required. The TMS shall flag the user entering the order that a change is required and allow the user to edit the directory information. (Appendix TMS-6, Flowchart Activity 12)

2.2.16 Alternate Phone Numbers

The TMS shall store an alternate phone number for each customer in addition to the actual station number assigned to that customer.

2.2.17 Deleting Directory Information (Unlisted Numbers)

The TMS shall allow the user to designate that a certain station number not be published. The actual customer for each station shall be retained by the TMS. (Appendix TMS-6, Flowchart Activity 12)

2.2.18 Jobs Involving Only VDTS Changes

Changes that only require PBX programming shall not require any activity by the users or the VDTS contractor other than the issuing of the service order. Automatic activities shall include PBX disconnections, connections, feature changes, updating of active cable records, etc.

The TMS shall recognize these "VDTS Only" service orders, and prompt the user entering the order for all the information needed for the system to automatically complete the task, close out the order, and download billing information.

Service orders that impact the PBX databases shall be so routed by the system to minimize errors, maintain database integrity and be activated when requested. (Appendix TMS-6, Flowchart Activity 13)

2.2.19 Unique Order Identity

The system shall have the functionality so that service orders can be uniquely identified and retrieved. *For sizing purposes assume 3,000 service orders per month initially with an increase expected with the installation of ISDN Service to 9,000 per month.* (Appendix TMS-6, Flowchart Activity 14)

2.2.20 Finishing Up Order Entry

The user entering the order is presented a choice of closing out the session or continuing back to block 3 to start on a new service order. (Appendix TMS-6, Flowchart Activity 15)

2.3 Post Order Entry Process

2.3.1 Time Frame of Execution

The Post Order Entry Process may be executed by the TMS during a reasonable time frame (usually within one business day) for the most efficient use of the TMS resources. The only exceptions to this flexible time frame are trouble jobs and jobs with due dates within 24 hours, both of which shall be immediately processed by the Post Order Entry and Scheduling activities. *For all others, the time frame for post order entry activities may be adjusted depending on the load requirements on the system.*

2.3.2 Order of Execution

Activities described in the post order entry process are independent and may be executed in an order determined by the Contractor.

2.3.3 Additional Information for Technicians and Billing

The TMS shall extract from the database all additional relevant information needed by a service order for service providers and billing traceability (information not needed earlier during the order entry process). This additional information shall include as a minimum additional site information including special buildings work codes (asbestos, radiological areas), existing cabling, and lines. (Appendix TMS-6, Flowchart Activity 17)

2.3.4 Station Number Assignment

If the TMS determines that the job requires a new VDTS station number assignment, the TMS shall communicate with the VDTS for the assignment of the new number. The VDTS and the TMS shall validate the new number to insure that the two databases, VDTS and TMS, are correct and if not, provide appropriate notifications to the central service order group. (Appendix TMS-6, Flowchart Activity 18)

2.3.5 Priority and Sequence Default Assignments

Reserved

2.3.6 Project (Facility) Jobs

Reserved

2.3.7 Cable Assignment/Cable Management (Appendix TMS-6, Flowchart Activity 21)

2.3.7.1 Purpose of Cable Management

This function, which is the sole responsibility of the Contractor, shall record and maintain all cable records determined to be necessary for PBX operations and for other non-PBX related cabling functions listed in the PBX specification (special circuits, alarm circuits, etc.).

The Contractor shall keep up-to-date location "maps" of cable layouts and associated equipment, shall keep accurate inventory records of installed cable equipment, and shall log the current status of the cable runs (in use, defective, reserved, etc.).

2.3.7.2 Description of Current Cable Schemes

Currently there exists three different cable identity schemes, one by South Central Bell, one by a DOE maintenance organization, and the scheme being used now for new buildings under the Unclassified Building Wiring Plan (Appendix TMS-4, Exhibit 4 for examples of current wiring identities). It should be pointed out that for uniqueness, the network and the building number are required to be associated or integrated with the wire or cable number for the Unclassified Building Wiring Plan.

2.3.7.3 Cabling Information Required

2.3.7.3.1 Cable Identity Scheme

The Cable Management System shall utilize the VDTS cable identity scheme (see Y/EN-2351, Section 3.3.12.9) which shall be proposed by the Contractor.

Unique cable identities and appropriate DOE identities (building, site, etc.) are required.

2.3.7.3.2 Installed Cable Inventory

The cable management function shall provide an inventory of all installed cable interconnecting components including the terminating station numbers, their identities, and the quantities associated with the voice and data networks. The minimum components to be included are terminating data circuit connectors, wire pairs, cables, trunk splice connections, main and intermediate distribution frames, wire rooms, station outlets, punch down blocks, line status indicators, key systems, network interface units (NIUs), multiplexers, modems, and amplifiers. Each component except for station equipment items shall be identified with its connecting components.

2.3.7.3.3 Wire Route Tracking

Reserved.

2.3.7.3.4 Wiring Status

Designation of the status (connected, in use, unassigned, defective, etc.) of each component and item in the cable management function shall be provided.

2.3.8 Cable Information Use

2.3.8.1 Cable Availability and Cable Capacity Status

A method shall be provided so that the TMS user may inquire as to the availability of sufficient wiring pairs required for a service order.

The TMS shall ensure that the VDTS cannot be inadvertently given a command to perform an activity on a station that does not have the proper wiring installed and activated.

The TMS shall function such that Service Order activities scheduled after cabling installation activities cannot be released until the cabling activity is complete.

2.3.8.2 Automatic Cable Routing Assignments

The TMS shall provide automatic assignment without operator intervention when VDTS Cable assignments are necessary. Manual override and correction shall be available for automatically assigned cables.

2.3.8.3 Manual Cable Routing Assignments

Assignment of voice or data terminals associated with VDTS service to a non-continuous wire path shall not be permitted. An error message shall be provided with a description of the error. The system shall accommodate point-to-point and other non-VDTS related networks.

2.3.9 Existing Cable Diagrams/Information Reports and Displays

Cable records shall be made available to DOE on request for field activities such as service location changes and trouble analysis, and for design modifications.

2.3.9.1 Cable Tracking Reports

Reserved.

2.3.9.2 Cabling Information For Service Orders and Trouble Tickets

It is preferred that cabling information be automatically identified on the service order or trouble ticket.

2.3.9.3 Cabling Equipment Inventory Report

The DOE shall utilize the report generator to provide on-line or hard copy reports of cabling equipment inventory.

2.3.9.4 Interfaces Necessary to Produce Capacity and Usage Reports for Network and Traffic Analysis

The functionality and information interfaces (with the VDTS, CDR records, etc.) of the cable/trunk record system must be such that capacity and usage reports can be easily obtained for network and traffic analysis purposes. (See Appendix 2.) *Some or all of the functions may reside in the PBX..*

2.3.10 Uninstalled Equipment Inventory Function

The Uninstalled Equipment Inventory function shall be fully integrated with the Service Order function. This function shall track all new and used DOE owned and leased equipment by user definable equipment codes. The TMS shall provide for an estimated 3,000 equipment codes, which includes such items as analog phones, key sets, modems, cabling, data communications hardware, etc. The function shall display current inventory data both on screen and via hardcopy. (Appendix TMS-6, Flowchart Activity 22)

2.3.10.1 Multiple Stock Locations

This function shall be integrated with all pertinent stock locations. This includes Vendor stock locations as well as DOE locations where equipment is stored.

2.3.10.2 Equipment Allocation

The TMS shall provide for the automatic allocation (or send notices to allocate) of appropriate inventory for a service order, at the end of Post-Order-Entry Calculations.

2.3.10.3 Ensuring Equipment Availability

Reserved.

2.3.10.4 Inventory Records Status

Reserved.

2.4 Scheduling Process

Reserved.

2.4.1 Timeframe of Execution

Reserved.

2.4.2 Scheduling Separate Crews

Reserved.

2.4.3 Specifying Orders to be Scheduled

Reserved.

2.4.4 Tracking Orders "On Hold"

If an order is on hold, the TMS shall place the order in a hold order tracking system which can be monitored and updated by the order scheduling group. The order shall remain in the hold order tracking system until the TMS or the order scheduling group releases it to be scheduled (See 2.5.1). (Appendix TMS-6, Flowchart Activities 25-26)

2.4.5 Editing Job Scheduling Information

Reserved.

2.4.6 Project Information

Reserved.

2.4.7 Project Tracking and Management

Reserved.

2.4.8 Scheduling a Due Date Vs. Tracking by Order Entry Date

Reserved.

2.4.9 Checking on Requested Due Dates

Reserved.

2.4.10 Due Date Calculation Parameters

Reserved.

2.4.11 Calendar for Due Date Assignment

Reserved.

2.4.12 "Locking" Service Orders

The TMS shall be able to manually "lock" the due date on command (so that the due date cannot be changed by the scheduling function). Once a service order has been released for field implementation it shall be automatically protected from change except by selected personnel. (Appendix TMS-6, Flowchart Activity 33)

2.4.13 Customer/Service Providers Notifications

Reserved.

2.5 Activities During Field Work

Interaction with the installed cable records to confirm cable availability and capacity is required before working the order, and updating the addition or deletion of cables/trunks after completion of service work is required. This requirement applies to both VDTS and non-VDTS networks.

2.5.1 Orders on Hold (Equipment Shortages or Non Sequence Compliance)

The TMS shall place service orders on hold upon request.

2.5.2 Service Order Copies

The Contractor and TMS user shall be provided, upon request, a hard-copy and/or an electronic copy of all service orders having either premise visit or VDTS work to be performed. The TMS shall print at the user's request a range of service orders.

2.5.3 Changing Due Dates

The TMS shall allow for changing due dates with approval from the order scheduling group.

2.5.4 Pulling Equipment from Stockrooms

The TMS shall provide a method to ensure the debiting of equipment levels at the appropriate stock location when the item or items are reported as removed from stock. *Certain stock locations already have this feature as part of their system (see 2.3.10.1).* The uninstalled inventory function shall identify used versus refurbished equipment. The Contractor's Inventory Management Function shall provide tools to maintain accurate and timely on hand inventory reports of the Contractor's Uninstalled Equipment Inventory for TMS use. (Appendix TMS-6, Flowchart Activity 40)

2.5.5 Field Problem Logging and Communications

The TMS shall allow the user to enter problem codes for unexpected installation problems and reschedule orders that must be postponed due to field problems (See 2.6.3). (Appendix TMS-6, Flowchart Activity 41)

2.6 Order Close-Out/Updating

2.6.1 Sequence of Events

The sequence of activities in the Order Close-Out process are independent and may be adjusted by the Contractor.

2.6.2 Electronic Connection of Service Providers to TMS

The connection of non-VDTS service providers to the TMS is not the responsibility of the Contractor. (Appendix TMS-6, Flowchart Activity 43)

2.6.3 Field Problems and Activity Data

The TMS shall retain information (to be sortable and made available in a report format) about field problems (locked doors, etc.) and miscellaneous field conditions (number of customers affected by outages, etc.). (Appendix TMS-6, Flowchart Activity 44)

2.6.4 Closing Out Different Service Providers' Activities

Reserved.

2.6.5 Updating Databases/Files

The TMS shall automatically (without intervention) update all databases, files, and records that are affected by the completion of a service order upon notice that the service order has been completed. These updates shall include at a minimum updates to the Directory, installed inventory, installed cables, records of active stations and features, and recurring cost records (initiate and/or delete monthly charges). (Appendix TMS-6, Flowchart Activities 46-49)

2.6.6 Cost Information Identification

The TMS shall retain complete and accurate descriptions of service order activity and equipment to be used in extracting costs for billing purposes. The TMS shall allow for the identification of different cost types. These cost types shall at a minimum be identified adequately to select standard versus non-standard costs, Internal maintenance versus external service providers, one-time versus recurring monthly costs (including the description of the monthly charge to be initiated or deleted such as "local telephone services"), and purchased equipment versus leased equipment versus services versus features. The TMS shall also store the quantity of the item used and whether the item is added or deleted. *The majority of these cost identities can be extracted from an individual item or a group.* (Appendix TMS-6, Flowchart Activities 50-54)

2.6.7 Cost Information Storage and Transfer

The TMS shall identify completed service orders. The user will extract recurring costs from the installed inventory records of the TMS. The Contractor shall provide the information (file organization, list of data elements, etc.) necessary for DOE to create interface programs to extract all related cost information. (Appendix TMS-6, Flowchart Activity 55)

2.7 Monthly Toll Cost

2.7.1 Toll Cost Data Inputs

If the CDR information is received directly from the VDTS, the CDR information shall be retained on the TMS for a maximum of one week during which time it will be transferred to other DOE systems for further processing.

The method for storing the CDR information is at the Contractor's discretion for meeting these requirements.

2.7.2 Toll Call Number Validation

The TMS shall validate toll call station identity information. (Appendix TMS-6, Flowchart Activities 59-60). Information regarding any errors shall be available for correction.

2.7.3 Cost Calculations

Reserved.

2.7.4 Long Distance Verification

The TMS shall provide adequate information to verify all long distance calls for legitimacy. See Appendix 5 for descriptions of these and other reports on Telephone Toll Costs required. The Contractor shall provide all necessary information and functionality to the TMS to provide these reports. *Note that these output reports contain the station users' names to identify the caller, and identify the city, state, and country called (by referencing caller destination city tables).* (Appendix TMS-6, Flowchart Activity 64)

2.7.5 Toll Identification, Storage, and Transfer Needs

Toll Cost Information, Identification, Storage, and Transfer needs have "one-time cost" requirements identical to those previously stated in Section 2.6.6 and 2.6.7. The TMS shall provide Toll Cost Information reports. In addition, the Contractor shall provide the necessary information (file organization, list of data elements, etc.) to create information files suitable for transferring to DOE's Information Center. (Appendix TMS-6, Flowchart Activities 65-67)

2.8 Directory Inquiry/Update

2.8.1 Directory Information Query Users

Queries for Directory Information will come from the VDTS Console Operators and users. (Appendix TMS-6, *Flowchart Activity 68)*

2.8.2 Types of Query Searches

The TMS shall provide the choice of searching for Telephone Directory Information by a variety of methods: searching by Station Customer or by Directory Name, searching by parts of name (i.e. "looks like" or "sounds like"), and searching by other information variables grouped together in a Directory Listing (see "Directory Listing"). *The goal of these methods is to ensure rapid and easy information retrieval by the Console Operators as they assist customers in locating personnel and related information.* (Appendix TMS-6, Flowchart Activity 69)

2.8.3 Minimum Directory Listing Information

The Directory listing shall include at a minimum Directory listing Customer Name, Site, Building, Room, Mail Stop, Organization, Division, Station Number, Fax Number. (Appendix TMS-6, Flowchart Activity 70)

2.8.4 Non-ORF/ICN Directory Information Storage

A method shall be provided to input, store, and update Directory Listings of non-VDTS personnel.

2.8.5 Special Types of Directory Listings

See Sections 2.2.16 and 2.2.17 for specific directory input requirements.

2.8.6 Functional Listing and Alphabetical Customer Listing

The TMS Directory Function shall provide both of the above types of listings for DOE printing.

2.8.7 Information for Searches

The TMS shall search for listings based upon the selection of combinations of Directory information field specified.

2.8.8 Display of Directory Information

The TMS shall display the Directory Information Listing(s) specified during the query. In addition, the TMS shall allow the user to browse through similar spellings by customer name or by department. (Appendix TMS-6, Flowchart Activity 71)

2.8.9 Mass Updates to Directory Database

Reserved.

2.8.10 Automatic Updates to Individual Directory Listings

See section 2.2.15 (Appendix TMS-6, Flowchart Activity 12).

2.8.11 User Updates to Individual Directory Listings

Reserved.

2.8.12 Directory Printing

The DOE will utilize the report generator to download directory information to a DOE designated system for editing and printing.

2.8.13 Transfer to Other Databases

The TMS shall store new Directory Information for later DOE transfer to Personnel files.

3.0 COMPUTER SYSTEM REQUIREMENTS

The TMS computer system shall consist of all hardware and system software required to fully meet the functionality of this specification.

The TMS software shall run as a application on a stand-alone computer system provided by the Contractor. Hardware shall be new or warranted as new and in current production at the time of proposal to DOE. All software shall be the latest released version of the software at the time of proposal to DOE. The latest generally available release shall be delivered and installed.

The TMS computer system shall be designed such that any DOE developed software applications operating on the TMS computer will actively interact with the TMS database(s) without affecting normal TMS operations, assuming adequate hardware capacity is provided.

The TMS system acceptance will be part of the acceptance of the VDTS. At the time of acceptance testing, the TMS shall be located in the OICC at Y-12. During Phase I, the Company will provide at the Contractor's request space in the existing K-1007 Computer Center for the TMS hardware.

Also provide an additional computer system at the ORF-ICN cut-over. This system shall be sized for software development and testing purposes and located in the test facility in the OICC. (See Section 3.1.7)

3.1 Hardware Requirements

3.1.1 Availability

Provide a computer system with an availability of 98% or better while operating 24 hours per day, 7 days per week and that meets the computer system performance requirements of Section 3.3 for the term of the contract. Availability shall be computed as follows: (Total hours minus Downtime)/(Total hours). For example: (168-4)/(168) X 100 = 97.6%. The example assumes twenty-four hours per day, seven (7) days per week with four hours downtime, which yields a 97.6% availability. The computer system is considered down whenever it is unavailable to DOE for productive use.

Maintain and provide to DOE monthly statistics on availability for the previous month. If availability falls below 98%, corrective action to regain availability at no cost to DOE is required.

3.1.2 On-line Storage Requirements

In addition to TMS storage requirements and the unused capacity requirements in Section 3.3, provide additional on-line storage sized such that closed (completed and canceled) service orders are retained on-line for a period of three months.

3.1.3 Interactive Communications Requirements

The contractor shall provide all necessary hardware and software for Contractor personnel to operate and maintain the TMS System on a day-to-day basis.

The DOE will provide the necessary hardware and software for DOE personnel to access the TMS based upon requirements supplied by the Contractor.

Supply an Ethernet interface for attachment to DOE's network. The TMS computer system shall be sized with both software and hardware to allow an additional network interface (either FDDI or Ethernet) to be added by the addition of a modular interface card to the system I/O chassis. The Contractor-provided interface shall conform to Ethernet Version 5 as defined by ANSI/IEEE-STD-802.3-a,b,c,e-1988.

During Phase I and II, DOE will attach the above interactive user terminals through existing DOE networks for access to the TMS through the Ethernet interface. DOE is responsible for the connection of users to the network.

The Contractor will choose the communications technology to be used by the Contractor's personnel to access the TMS computer and the development computer. Access will be limited to these computer systems. The Contractor shall incur all costs (installation, operating, and maintenance) associated with both sides of the connection. The Contractor is responsible for all hardware required.

In Phase II, provide a communications link to the VDTS per ORF-ICN Specification, Y/EN-2351, Sections 3.2.3.

3.1.4 Input/Output Requirements

TMS information shall be dumped to a flat file to disk for transferring by the DOE to other systems before being purged from the on-line databases.

Supply the necessary hardware and utilities to input CDR information and load it to the TMS database. Currently, CDR information is distributed on 9-track magnetic tapes.

Supply the necessary hardware and utilities for disk backup purposes. Requirements include complete system backups weekly and retained for a minimum 3 month period; daily backups of files created or modified and retained for a minimum 2 week period; a complete system backup monthly and retained indefinitely in a DOE maintained safe-keeping vault location; and no operator invention required after the backup has begun.

The ability to renew and refresh the backup media on data that will be retained indefinitely is required. Any additional hardware or software that may be required shall be provided. In addition, the Contractor shall provide a plan to accomplish this for DOE approval.

Provide the necessary printing device to meet the reporting requirements of this specification.

3.1.5 Hardware Maintenance

Provide maintenance and support for all hardware supplied. Maintenance and support shall include a mechanism for the timely reporting and correction of errors in the supplied hardware. Provide a disaster recovery plan that details the actions required to continue service for hardware failure causing outages beyond 24 hours.

Maintain all hardware at the most current revision level. All Engineering Change Notices (ECNs) and other revision information shall be provided to DOE for review and approval before installation.

Provide a preventive maintenance plan that ensures all provided hardware and firmware remain in good operating condition for the term of the contract.

Remedial maintenance shall be performed after notification by DOE that hardware, firmware, or operating software is inoperative. The Contractor shall furnish a signed malfunction incident report to DOE upon completion of each maintenance call. The report shall include, as a minimum, the following: Date and time notified; Date and time of arrival; Type and serial number(s) of hardware repaired; time spent for repair; and Name(s) of Contractor's maintenance representative(s).

Preventive maintenance shutdowns shall be no more than once per week for a maximum of 8 hours and not during Monday-Friday. The preventative maintenance schedule shall be approved by DOE.

3.1.6 Installation

The Contractor shall adhere to Sections 5.1.1.9, 5.1.6.3, 5.1.6.4, 5.2.1.2, and 5.3 of the ORF-ICN Specification (Y/EN-2351) in all efforts associated with the TMS. The TMS shall be installed in the OICC at a minimum of 3 months prior to beginning the acceptance testing for the ORF-ICN. The TMS equipment will use all primary and backup sources of power, air conditioning, etc., as the VDTS.

3.1.7 Development System

A complete separate computer system (hardware and software) is required for testing and development use. The test computer system shall not impact the production TMS or VDTS. For sizing purposes, assume the test databases will contain 100 records in the various modules and support up to four concurrent users. This computer system shall be located in the Operation Test Facility (Reference Section 3.3.4.5.4 of Y/EN-2351). Uses will include at a minimum:

A) Testing all updates and releases of the operating system, the TMS system software, and the TMS application software.

B) Training users on the TMS applications.

C) The Contractor shall propose a method for verifying the proper configuration for new ISDN devices through the TMS on either the DCS or the production system.

The development computer system shall be required at the beginning of Phase II through the life of the contract. The computer system will be maintained by the Contractor and operated by the Contractor.

Hardware for the development computer system shall provide Ethernet connectivity, backup devices, and on-line storage.

The Contractor shall propose and implement after DOE approval the hardware/software interface to permit testing between the TMS development computer system and other ORF-ICN devices (e.g., new features, new phones, etc.) located in the Operation Test Facility through the switch. This testing shall not interfere with normal switch and TMS operations.

3.2 Software Requirements

3.2.1 Operating System Software

The operating system shall provide an interactive user environment which includes a command interpreter, a command-level programming language, an interface to the file system and peripheral

devices, utilities for the manipulation of text files, and security mechanisms to protect users' files from unauthorized access.

The operating system shall provide a batch user environment. With the exception of interactive program support, all commands, utilities, command-level programming languages, and facilities for the user interface to the file system which are provided for the interactive user interface shall be provided for the batch user interface and shall have the same syntax as in the interactive user interface. Command language files shall be executable in both interactive and batch mode without modification.

A software function, separate from the TMS application (operating on the same computer), for granting file access privileges (no access. read, write, delete, update, execute) to users (individual, list of individuals, or user group) shall be required.

Provide facilities for all operator commands, including commands to mount tapes, cancel user processes, initiate disk backups and restore, and shut down portions and all of the independent network node, to be performed from an operator's console.

If the operating system is UNIX, POSIX 1003.x compliance is required. For other operating systems, POSIX compliance is preferred.

3.2.2 Operating System Security (see Section 5.6)

The operating systems and security products for these operating systems shall provide security features which meet or exceed those required for the overall evaluation class of C2 of the Department of Defense, "Evaluation Products List for Trusted Computer Systems". The evaluation class C2 is Controlled Access Protection. Systems in this class enforce discretionary access control and make users individually accountable for their actions through: (a) log-in procedures, (b) auditing of security-relevant events, and (c) resource isolation. The requirements for systems assigned a class C2 rating are specified in the Department of Defense Standard, "Trusted Computer System Evaluation Criteria".

If sealed media devices are provided and a unit fails or is field upgraded, the Contractor shall coordinate with a DOE designated Computer Security Officer (CSO) before the device is permitted to be removed from the installation site.

3.2.3 System Software

3.2.3.1 Reserved

3.2.3.2 TCP/IP

Provide TCP/IP protocols and all facilities necessary for it to fully interoperate with existing DOE computers. The Contractor-provided TCP/IP shall provide at least the following services: TELNET, SMTP, FTP, ICMP, UDP, route, NFS, and Domain Name Server. It shall also include software-selectable subnets, a software-selectable broadcast mask, and a subroutine library for building network applications. In addition, an audit trail containing at least name, address, time, and the requested service for TELNET and FTP is required. The software shall provide security features and access controls for TCP/IP network services.

3.2.3.3 Electronic Mail

Reserved.

3.2.3.4 Print Spooler

Provide a printer spooler with equivalent features to the UNIX lpd utility.

3.2.3.5 Report Generator

The TMS shall contain a report generator for ad hoc reporting and querying of any information in the system including all TMS data, VDTS data, and cable data maintained by the vendor. Features of the report generator shall include at a minimum the following:

A) User-defined reports and queries for screen, hard-copy, and creation of flat files.
B) Default reports all users may access and execute.
C) Save user-defined reports for repeated use.
D) Submission of reports at a user-defined time interval.
E) String search capability on any part of the field.
F) Search, extract, and sort multiple fields with multiple criteria.
G) Perform statistics on data and graph or report results.
H) SQL interface (Section 3.2.4).
I) Entirely menu driven.

Describe any report generator features that exceed the overall requirements of this section.

3.2.4 Database Management System (DBMS)

If the TMS uses a commercially available relational database management system (DBMS), it shall conform with ANSI X3.135-1989 Database Language SQL, for the management of all retained data. State the level of conformance to X3.135-1989 provided by the DBMS used by the TMS. State the release/version of the DBMS used by the TMS.

The TMS shall make full use of error status information and security features available from the DBMS.

The TMS shall handle contention problems in a manner which provides for concurrent accessing and updating of a database. Concurrent updates to different records shall be permitted while simultaneous updates to the same record shall not be permitted.

The TMS shall use the standard recovery features of the DBMS, such as before and after image journaling, to ensure the integrity of the database in the event of update or systems failure. The recovery shall occur automatically and require no operator intervention.

A data dictionary containing all data elements used in the TMS shall be provided.

All tables used by the software shall be expandable to the projected 5 year growth (See Section 3.3).

The Contractor shall release to DOE rights to copy any and all documentation that is provided as part of the system for DOE use to the extent of the Contractor's authority.

3.3 Computer System Performance

System response times shall not exceed five seconds to refresh a screen after any transaction. The average response time shall not exceed three seconds during normal transaction processing.

At the beginning of Phase II, hardware components (memory, processor, disk capacity) shall be at a maximum of 50% utilization at peak load based upon the capacity management plan for the system. Information on the current and expected environment for sizing of the hardware, operating system, and application software is presented in Appendix TMS-2.

The system shall perform normal transaction processing while simultaneously generating and outputting information to a printer.

The system shall perform batch processing so as not to impact interactive response time. Normal shift for interactive users is 7:30 a.m. - 5:00 p.m., Monday-Friday. Preferably, batch processing will be done off-shift.

3.4 Support Staff Security Requirements

Security regulations require that the Contractor's software support and hardware maintenance personnel, who have regular access to the site, have at least a Department of Energy "L" level security clearance for access to the site at which the TMS system will be located. Installation and maintenance may be performed in a restricted fashion by uncleared personnel.

On-site software support and maintenance by uncleared personnel places an undesirable burden on DOE and will only be allowed on a temporary basis. Contractor shall maintain an L-cleared maintenance staff for TMS maintenance.

3.5 Contractor Support of Software

Provide maintenance support of all operating system software, system software, and application software supplied with the TMS. Support provided shall include:

A) Timely reporting and correction of errors.
B) Toll-free telephone support.
C) All documentation issued.
D) All maintenance releases and new versions of the software delivered that are generally available throughout the contract.
E) Facilities for DOE personnel to submit questions and problems to be resolve.
F) Provide installation of new software, upgrades, and patches in accordance with an approved Change Control Procedure.

All software supplied shall be kept current to the latest commercially available release. Installation shall be coordinated with DOE.

A change control procedure for all software provided is required. This procedure shall at a minimum provide for installation and testing of all software changes on the development machine. Changes shall be made to the TMS computer system after written DOE approval. The proposed change control procedure shall be submitted at the installation test.

Technical support shall be available on-site within 24 hours from the time a problem is submitted by DOE if software problems are degrading system performance (see Section 3.3) or rendering the system useless for a period exceeding 8 hours.

3.6 Computer Systems Documentation

Provide the following documentation as detailed in the corresponding sections.

Preventive Maintenance Plan	Section 3.1.5
Keyboard layouts	Section 3.1.3
System Response Times	Section 3.3
Change Control Procedure	Section 3.5 (Provide at Installation Test See 4.3.2.2)

4.0 QUALITY ASSURANCE REQUIREMENTS

4.1 Project Management

4.1.1 The preliminary project plan shall address all aspects of installation of both hardware and software systems including software development, data conversion, training, and testing. The content shall include at least the following:

A) A flow chart of major project activities including their time relationships. This chart shall include the significant activities and milestones for software development, data conversion, test and acceptance, and training.

B) An implementation team structure including a description of the membership for the Contractor and the individual roles expected of DOE personnel for each major activity.

C) A number of projected personnel for each of the various segments (software development, testing, training, and data conversion) of the implementation process and the expected starting time and duration time for each type of DOE personnel support required for the various segments.

D) The team membership, including the Project Manager's resume for the Contractor. Qualifications for each team member shall be included.

E) A preliminary project schedule.

F) A project plan change control procedure including written requirements of the projected change, impact statements of the change on the project schedule and software functionality, alternatives considered, and recommendations to the project team.

G) A summary of the management mechanisms for managing the schedule and project: monthly cost tracking system (including travel expenditures), quality assurance (QA) reviews, performance indicators about project milestones, issue management process for reporting and resolving issues (who makes decisions to resolve issues, when DOE will be consulted before the resolution), and software trouble report tracking throughout design, testing, installation, and maintenance.

4.1.2 A final project management plan and schedule that addresses in detail the preliminary plan and schedule shall be submitted to DOE for approval 30 days prior to any software development or 90 days prior to the VDTS System Acceptance Test, whichever comes first. DOE will respond within 10 working days. After approval, the project management plan and schedule shall be under a change control procedure.

4.1.3 The designated Project Manager shall serve as the single point of contact for providing overall management direction for all TMS activities performed by the Contractor, or any subcontractors. This position shall remain occupied throughout the development (if any), hardware installation, testing, training, data conversion, and acceptance phases relating to the TMS. A resume for this person shall be submitted. Changing this person shall require DOE approval.

4.1.4 The Contractor shall submit for DOE approval a managerial escalation procedure that includes the Contractor's and all subcontractor's organizations. This procedure shall include the name, position, responsibilities, address, and telephone number of each person listed. The

escalation procedure shall be supplied 60 days after award and be kept current throughout the subcontract.

4.1.5 Project review meetings shall be held with DOE to review the project status and resolve problems, schedules, or other issues. Contractor shall prepare and provide to DOE an agenda 5 working days before the meeting. The Contractor shall provide to DOE within 5 working days, the minutes of each project review meeting. Action items shall be assigned, logged, and tracked by the Contractor.

A project schedule status update, with critical path items identified, shall be included with each project review meeting agenda.

Project review meetings shall not replace software development, data conversion, or test procedure walk-throughs or technical reviews. Combining these meetings shall be permitted with DOE approval on a case by case basis.

4.1.6 The first project review meeting shall be held within six months of contract award at the DOE site. Meetings will be scheduled every six months until nine months prior to the VDTS System Acceptance Test. Beginning nine months prior to the VDTS test, meetings will be held every month.

4.1.7 When specifically requested by DOE, provide within five working days a project schedule status, with critical path items identified.

4.2 Software Development and Maintenance

4.2.1 Software development plans shall be prepared for all modifications to the basic off-the-shelf product required to meet the TMS specification. These plans shall consist of at least the following:

A) The identification by TMS specification section number of each requirement involved with a software change needed for compliance.

B) The identification of the software development process to be used to assure a quality and timely product.

C) The method to identify, track, and resolve inadequacies or problems identified through reviews, demonstrations, or tests.

D) A configuration control system that tracks, controls, and documents the original software as a baseline through design, testing, installation, and the final acceptance of the modified software delivered (with gateway controls specified for the migration from one phase to another, and check-off list item control for milestones internal to each phase).

E) The schedule of design review meetings during the software design, development or modification, and testing phases to verify the specification interpretation and intent, progress and results. These review meetings shall be at a frequency adequate to assure that specification intent and schedules are being met.

F) An informal communications method shall be established between a designated technical contact of the Contractor and DOE to routinely and frequently review software development

questions and problems. These communications shall be documented by the Contractor within two days and distributed to DOE by facsimile.

G) The software design team membership.

H) A copy of the Contractor's internal software development standards.

I) Contractor's Design Team

J) Maintenance Plan

4.2.2 The structure and membership of the Contractor's design team, should they be required, for software modification shall not be changed during the period through acceptance testing without DOE approval.

4.2.3 Software design reviews shall consist, as a minimum, of reviewing specific system design documentation relating to the software modification being reviewed, such as flow diagrams, decision tables, processing algorithms/rules, screen layouts, editing rules, etc. These reviews shall be attended by the involved Contractor development personnel as well as appropriate DOE personnel. Agendas, with the document(s) to be reviewed, shall be issued to DOE five days before each review. Review results, including action items, shall be issued within five days after each review meeting.

4.2.4 A preliminary software development plan shall address each item described in Section 4.2.1 in adequate detail for DOE to assess the Contractor's understanding and ability to perform the software development proposed. A final software development plan that addresses in detail the items described in Section 4.2.1, shall be submitted to DOE for approval 30 days prior to any software development. A DOE response will be provided in ten working days. This plan may be revised and expanded with DOE approval.

4.2.5 Software design review meetings or other needed software development related meetings shall be separate from project review meetings unless approved by DOE.

4.2.6 A plan for maintenance of the software shall address responsibilities, procedures for notification of problems and procedures for installation of new releases or corrections of problems.

4.3 Test and Acceptance

4.3.1 DOE shall be notified 5 days prior to the start of any testing. The notice shall include an itemized list of the tests planned. Specific test methods used shall be approved by DOE. DOE will observe all official tests. Test results shall be documented and signed off by the Contractor and DOE and issued by the Contractor within 10 days after the test.

4.3.2 Three successful official tests of the entire system to verify each specification requirement shall be conducted as follows:

4.3.2.1 Requirement Deleted

4.3.2.2 Installation Test--The Contractor may perform verification tests prior to the installation test activity. The installation test is to be performed at the DOE site with entire hardware configuration installed, use data from the data conversion process, actual DOE data, full system loading, and as a minimum, the equivalent of a billing cycle. This test shall be completed successfully prior to the start of acceptance testing. The demonstrations described in Section 4.3.2.1 shall also be included. The plan for this test shall identify the test duration, pass/fail criteria, responsibilities of the Contractor and DOE, specific data sources, specific tests and demonstrations. Problems and deficiencies from this test shall be documented and a plan issued within ten working days that describes how and when they will be resolved along with a retest schedule. This plan shall be issued with the test results. The proposed change control procedure shall be submitted at this test (see Section 3.5).

4.3.2.3 Acceptance Test--To be performed at the DOE site after a completely successful installation test. This test will be for a minimum of 60 continuous days using the entire hardware and software system, all applicable converted data from DOE files and day-to-day operating and data requirements. All TMS specification requirements shall be verified in the full operational system mode. The plan for this test shall identify data sources, responsibilities of the Contractor and DOE, configuration, pass/fail criteria, and operational procedures. Problems and deficiencies from this test shall be documented and a plan issued that describes how and when they will be resolved along with a retest schedule. This problem documentation and the related corrective action plan shall be issued within three days of the occurrence.

4.3.2.3.1 Each of the output reporting requirements described in section 2.3.9.1 and Appendix TMS-5, shall be produced by the Contractor using the report generator.

4.3.2.3.2 The Contractor shall operate and maintain the TMS databases, including data entry, during the acceptance test phase in parallel with DOE's operation of its existing system.

4.3.3 The preliminary test and acceptance plan shall address at least the requirements of Sections 4.3.2.1, 4.3.2.2, and 4.3.2.3 in adequate detail for DOE to assess the Contractor's understanding and commitment to the testing requirements.

The final test and acceptance plans shall be issued for DOE approval 30 days prior to the installation or acceptance tests. Response by DOE will be provided within 10 working days. These plans shall expand on the preliminary plans so that all tests to be performed are clear as to the specification being tested, acceptance criteria, methods used, data used, sequence of events and other information pertinent to the test or understanding of the process.

4.3.4 Prior to the ORF-ICN cutover, a system test shall be required to test the interaction of the VDTS with the TMS database.

4.3.5 The test plans shall provide for a successful acceptance of the TMS with the acceptance of the VDTS.

4.3.6 The test plans shall provide for a successful acceptance test phase to be accomplished on or before the VDTS operational date for the cable function of the TMS.

4.3.7 Contractor/DOE meetings for reviewing test plans and results or actual tests shall be separate from project review meetings unless approved by DOE.

4.3.8 DOE shall be provided with check-off sheets for each required item on the software test plan to be signed off by the appropriate software developer.

4.4 Training

4.4.1 Training in the use of the TMS software shall be performed by the Contractor. (Reference TMS Appendix 8 for Training Requirements.)

4.4.2 All training shall be performed using the supplied TMS hardware and software. (Reference TMS Appendix 8.)

4.4.3 All training shall be provided at the DOE site unless otherwise approved.

4.4.4 The preliminary training plan shall include training for users, and use of the report writer. Content shall include at least the following:

A) The facilities (audio/visual, terminals, room size, etc.) required.

B) A general description of the documentation to be provided trainees, including train-the-trainer material.

C) The training needs and schedule for DOE's participation in the various types of tests defined in Section 4.3.2 as well as for the day-to-day TMS operating users .

D) The qualifications of the instructors.

4.4.5 A final training plan expanding on the preliminary training plan shall be provided for DOE approval 120 days prior to the VDTS System Acceptance Test. A DOE response will be provided within ten working days.

4.4.6 All user training shall be as close to start-up for a particular function as possible with a minimum of five days allowed after formal training for practice on the installed system.

4.4.7 Training materials shall be provided to each participant to use for reference after the training period. All training materials shall become DOE property.

4.4.8 The Contractor shall prepare training cases and use data from actual DOE operations for all training situations. DOE will assist in the preparation of case materials and approve the final results.

4.4.9 The training plan and schedule shall estimate training time, materials, instructor allocation, and training class size.

4.4.10 DOE will provide the facilities for all training including normal training equipment such as overhead projectors, video tape units, terminals or PCs, etc. Special training equipment shall be provided by the Contractor.

4.4.11 The Contractor shall have training instructors, or personnel with equivalent knowledge, on the DOE site during the data conversion and acceptance periods for follow-up assistance.

4.4.12 DOE shall be permitted to video tape and use for instructional purposes any training sessions conducted by the Contractor. The Contractor shall supply DOE with "Train the Trainer" materials (lesson plans and materials used) prior to user training.

4.5 Data Conversion

4.5.1 The Contractor is responsible for populating the TMS databases with information as it is available during the ORF-ICN implementation. The Contractor will maintain these databases until ORF-ICN acceptance. The Contractor will provide a Data Consistency Plan for DOE approval addressing how the data will be maintained after the initial entry based on RIMD activities until cutover. Existing personnel directory records will be provided to the Contractor in a flat file format specified by the Contractor. The Contractor may use the supplied file for populating the directory database or another method.

4.5.1.1 Deleted.

4.5.1.2 Deleted.

4.5.1.3 Deleted.

4.5.2 Deleted.

4.5.2.1 Deleted.

4.5.2.2 Deleted.

4.5.2.3 Deleted.

4.5.3 Deleted.

4.5.4 Deleted.

4.6 Documentation

4.6.1 Hardware--One copy of each required before installation test. Updates shall be provided thereafter as available.

A) Peripheral operation and maintenance documentation including technical manuals, schematics, and a preventive maintenance schedule.

B) Diagnostic Program Listings

C) Diagnostic User Manuals

D) System Documentation

4.6.2 Software--Except as noted, one copy of each required before installation test. Updates shall be provided as available.

A) Object files and operating instructions for all software.

B) Programming and operating manuals for the application system software (one copy).

C) User manuals for the TMS software (five copies).

4.6.3 All software shall be furnished on magnetic media compatible with the storage system provided with the system.

4.7 Operational Readiness Review

4.7.1 Operational Readiness Review analysis results shall be presented by the TMS Operational Readiness Review Team to a specially appointed Operational Readiness Review Board for approval at the completion of each milestone listed in Section 4.7.2 and approval granted prior to the initiation of the subsequent activities. The TMS Operational Readiness Review Team shall consist of the following:

A) Contractor's TMS Project Manager

B) DOE Representative

C) Company's ORF-ICN Program Manager or designated representative

4.7.2 The readiness analysis shall include an examination of the following to insure that they are complete, qualified, and functional prior to the initiation of any subsequent design or test activities or implementation.

A) Preliminary Project Plan
Preliminary Software Development Plan
Preliminary Test and Acceptance Plan
Preliminary Training Plan
Software Maintenance Plan

B) Final Project Plan
Final Software Development Plan

C) Final Test and Acceptance Plan
Final Training Plan

D) Data Consistency Plan

E) Test and Data Conversion Plan Impacts Relating to the VDTS Cut-over

F) Test and Data Conversion Results Impacts Relating to the VDTS Cut-over

G) Verification of the Status of the TMS and VDTS Databases

5.0 DATA REQUIREMENTS

Describe the informational elements, tables, and files outlined below.

Information deemed critical to the mission of DOE's business is required to be easily identifiable and readily accessible in the system. Requirements in this section will be met by individual field items in the system. Other methods for identifying and accessing this information should be clearly stated.

5.1 Modularity

All components of the TMS shall be modular in design to allow implementation of future applications.

5.2 Integrated System

The TMS functions shall interface with each other to provide an integrated management system that uses common tables and requires data manipulation of individual elements only once for each transaction. Referential integrity is required.

5.3 Reserved

5.4 General Database/File Requirements

The TMS shall provide the central repository of data necessary to support the Telecommunications business functions. The database will include all customers, services, equipment, features, billing information, cabling, and related information. Some required uses are:

A) The database for all current records of telecommunications installed stations, key systems, services, and related equipment.

B) The principle source of information for distributing cost to the station level when service pricing is recorded in station inventory details.

C) The principle source of information for use in preparing either delete or change service orders.

D) The principle source of information for analyzing installed telecommunications services.

E) The basic information used for verifying the presence of installed telecommunications equipment.

5.5 Functional Modules

Refer to Flowcharts (Appendix TMS-5) for additional information regarding the utilization of data elements.

5.6 Access To Functions

Access to each of the TMS functions, databases, tables, etc. by specific users shall be controllable to the type of access (read, write, etc.) at the record, field, and data levels. Provide as response to this section any security features that exceed the overall requirements of this section and section 3.2.2.

5.7 Audit Trails

Audit trails of all manual transactions shall be provided to diagnose problems or understand the processing of that data.

5.8 Dates

All dates will be displayed and input as MM/DD/YY. Times will be automatically entered by the system and displayed as HH:MM:SS.

5.9 Interface Programs

The Contractor shall provide all information necessary for the DOE to extract information from any of the database tables utilizing in-house written code, SQL scripts, or the report generator.

5.10 TMS Interface With VDTS

The TMS computer shall be directly interfaced with the VDTS so that real time information exchange occurs. This exchange shall assure that any common information, such as station identities/features, are entered once, reconciled, and used to activate/deactivate VDTS service.

5.11 Elements

5.11.1 Element Groups and Sizes

Elements are combined into logical groups. This grouping should not be interpreted as expected file layouts. Unless otherwise noted, the field sizes listed are general guidelines and are for proposal purposes only. Except where minimum field sizes are required, other field sizes will be negotiated after award. When a minimum size is REQUIRED, it is noted.

5.11.2 Additional Data Elements Required

The system shall accommodate all additional data elements required by the VDTS specified in Y/EN-2351 (Technical Specification and Statement of Work for the ORF-ICN).

5.11.3 Customer Information

Customer Name
Validation: No validation required.
Purpose: Name of the customer receiving service.
Other: Must be able to separate First Name, Last Name, Middle Initial.
Expected size: 30 characters.

Telephone Number
Validation: No validation required.
Purpose: Telephone number used by the customer.
Expected size: 10 characters.

Customer Company
Validation: Customer-Company Table
Purpose: Highest organization level of customer being provided service.
Source: Company Directory File

Business Unit
Validation: Business Unit Table
Purpose: Next highest organization level of Customer-Company for customer being provided service.

Site
Validation: Site Table
Source: Company Directory File

Division
Validation: Division Table.
Purpose: Lower organization level to site for customer being provided service.
Source: Company Directory File

Department
Validation: None.
Purpose: Lower organization level to division for customer being provided service.

Directory Listing Name
Validation: No validation required.
Purpose: Customer selected name used in directory listings.
Other: Must be able to separate FN, LN, MI.
Expected size: 30 characters.

Directory Listing Telephone Number
Validation: No validation required.
Purpose: Number listed in directory for customer. May or may not be customer'* telephone number.
Expected size: 10 characters.
Source: Company Directory File

Building
Validation: Building Table.
Purpose: Building location of customer's office.
Expected size: 15 characters.
Source: Company Directory File

Room
Validation: No validation required.
Purpose: Room in building where customer is located.
Expected size: 5 characters.
Source: Company Directory File

Mail Stop
Validation: No validation required.
Purpose: User's plant mailing address.
REQUIRED SIZE: Minimum 4 characters.
Source: Company Directory File

Employee Payroll Type
Validation: Valid codes are M, W, H.
Purpose: Payroll designation for employee.
Source: Company Directory File
Expected size: 1 character.

Employee Number
Validation: No validation required.
Purpose: Badge number of company/customer company employee.
Source: Company Directory File
REQUIRED SIZE: Minimum 9 characters.

5.11.4 Service Being Provided

Network
Validation: Network Table
Purpose: Type of service group that the service/request is related to. For example, credit cards, Ethernet, etc.
Expected size: 10 characters.

Station Number
Validation: For VDTS-related service, VDTS validation. VDTS-related new service assigned by VDTS. Non-VDTS, TMS automatically assigns. Must be unique for each network.
Purpose: Station identify of the service provided.
REQUIRED SIZE: Minimum of 10 characters required

USOC
Validation: USOC Table
Purpose: Code to define feature(s) of service being provided by station.
Other: Multiple entries per station.

Quantity of USOCs
Validation: Valid numeric.
Purpose: Units of service being provided.
Source: User input from service order.

Service Site
Validation: Site Table
Purpose: Designated major facility, plant, or area where service is being provided.

Service Building Location
Validation: Building Table, Special Work Requirements Table.
Purpose: Building location where service is being provided.
Expected size: 15 characters.

Service Room Location
Validation: Special Work Requirements Table
Purpose: Room in building where service is being provided.
Expected size: 5 characters.

Account/Work Order for Monthly Costs
Validation: Verify against DOE supplied account and work files.
Purpose: Assigned identifier used to cost services to customer. Lowest level of organization.
REQUIRED SIZE: Minimum of 8 alpha-numeric characters.

5.11.5 Requests For Service

Service Order Number
Validation: Must be unique.
Purpose: Identity of service request.
Source: Automatically generated by system.

Service Order/Trouble Ticket Entry Date
Validation: Valid date.
Purpose: Date and time the service order/trouble ticket is entered.
Source: Automatically from system date and time.

Service Order/Trouble Ticket Date of Completion
Validation: Valid date.
Purpose: Date that work is completed for each contractor involved.
Other: Entry for each contractor.

Service Order/Trouble Ticket Requested Completion Date
Validation: Valid date or blank.
Purpose: Date customer has requested service.

Service Order/Trouble Ticket Comments
Validation: No validation required.
Purpose: Special information related to the particular service order/trouble ticket.
Other: Entry for each contractor. Should be able to edit any part of the information without re-keying.
Expected size: 800 characters.

Priority
Validation: Valid Priority Code
Purpose: Used to help determine scheduling.

Type of Service
Validation: Type of Service Table
Purpose: Type of services being requested. i.e., add, move, change, trouble, etc.

Service Provider
Validation: Service Provider Table
Purpose: Contractor or Company maintenance organization responsible for work.
Other: Multiple entries possible.

Customer Contact Name and Number
Validation: Input required. Must be different from customer name.
Purpose: Requestor to contact concerning work, scheduling, etc.
Expected size: 40 characters.

Type of Trouble
Validation: Trouble Type Table
Purpose: Type trouble for diagnostic evaluation purposes.

Account/Work Order for Service Order Charges
Validation: Verify against DOE supplied account and work files.
Purpose: Assigned identifier used to cost services to customer. Lowest level of organization.
REQUIRED SIZE: Minimum of 8 alpha-numeric characters.

Cost Type Code
Validation: Cost Type Table
Purpose: Identify cost for charging to use. (Section 2.6.6)

5.11.6 Order Completion

Problem Code for Field Work
Validation: Field Work Problem Code Table.
Purpose: Mechanism for technicians to note problems encountered in field.

Completed Job Comments
Validation: None.
Purpose: Retention of any information at close of job. Extra Hours

Extra Hours
Validation: Valid numeric.
Purpose: Logging of extra work time required for costing purposes.

Overtime Hours
Validation: Valid numeric
Purpose: Logging of overtime hours for costing purposes.

5.11.7 Uninstalled Inventory

Internal Stores Catalog Number
Purpose: Equipment ordering number for in-house Stores items.
Expected size: 11 characters. USOC Code

USOC Code
Validation: USOC Table.
Purpose: USOC equipment is associated with.
Expected size: 7 characters.

Product Description
Purpose: Description of equipment item.
Expected size: 30 characters.

Unit Cost
Validation: Valid numeric.
Purpose: Equipment cost used to charge customer.
Expected size: 999999.99

Equipment Ownership
Purpose: Information only.
Expected size: 20 characters.

5.11.8 Scheduling

Service Order/Trouble Ticket Scheduled Completion Date
Validation: Valid date.
Purpose: Date that work is scheduled to be completed by.
Other: Entry for each service provider.

5.12 Tables

5.12.1 Table Creation

The Contractor shall be responsible for identifying and initially creating all tables required by the TMS. DOE will assist if requested for determining size, use, and maintenance in the development of these tables.

5.12.2 Codes

All codes used for data entry and information interpretation purposes required in the TMS shall be user definable and in on-line tables which can be displayed in pull-down type menus and updated by the user.

5.12.3 Updating Tables During Validation

During the validation process, update to the table shall also be allowed if necessary, if the user is authorized through the security features in the system. All updates to the tables shall be real-time.

5.12.4 List of Tables

Building
Approximate Number: 2000
Information: Building Number Description
Source: Loaded from DOE kept file.
Definition: Physical location of service

Business Unit

Approximate Number: 50

Information: Business Unit Code
Business Unit Name
Customer-Company Code

Service Provider

Approximate Number: 50

Information: Service Provider Code
Service Provider Name
Contact

Definition: An organization contracted by DOE to perform specific service. This could be an internal maintenance group.

Cost Type

Approximate Number: 100

Information: Cost Type Code
Cost Type Description

Definition: Method of identifying costs to be allocated to user. (Section 2.6.6)

Customer-Company

Approximate Number: 20

Information: Customer-Company Code
Customer-Company Name

Division

Approximate Number: 300

Information: Division Number
Division Name
Customer-Company Code
Business Unit
Site

Division Coordinator

Approximate Number: 50

Information: Division Number
Division Coordinator Name
Division Coordinator Phone Number

Definition: Contact in division for work requests.

Network

Approximate Number: 300

Information: Network Name
Source Account
Description

Definition: A collection of stations which have sufficiently similar characteristics as to be defined as an entity. Some characteristics considered may include technology, location, security classification, service being provided, or administrative controls*. Some examples of networks are credit cards, independent alarm circuits, Token Rings, Ethernets, broadband, telephones, etc.

Priority
Approximate Number: 100
Information: Priority Code
Description
Definition: Assigning priorities.

Site
Approximate Number: 50
Information: Site Code
Description
Definition: Designated major facility, plant, or area

Special Work Requirements
Approximate Number: 1,000
Information: Building Number
Room
SW Condition Code
Definition: Areas that require special work (SW) requirements (i.e., asbestos, radiological areas).

Special Work Codes (May combine with above)
Approximate Number: 100
Information: Special Work Condition Code
Description
Definition: Codes describing special work required.

Trouble
Approximate Number: 200
Information: Trouble Code
Description
Definition: Categories of reported trouble

Type Service
Approximate Number: 100
Information: Type Service Code
Description
Definition: Used to identify various types of services such as Add, Change, Delete, Trouble, etc.

USOC
Approximate Number: 5000
Information: USOC Code
Description
Cost Unit
Cost Type
Default Contractor Code
Non-recurring cost
Recurring cost
Definition: A code, not necessarily the industry standard Uniform Service Order Code, used to identify various equipment and features in the installed inventory database and used for costing and other purposes.

5.13 Editing, Validating, And Information Transfer

Data entry validation at the field level prior to further entry of subsequent fields shall be provided. Error messages resulting from data validation and editing shall be in clear, descriptive, English language format and provide to the user instructive guidance for corrective action. The Contractor shall submit for DOE review, 90 days after award a list of the fields and the validation approach for each.

Editing criteria shall be table driven. Editing shall include comparative checking such as protection against duplication of cable pairs, telephone numbers, and service order numbers. The TMS shall be "self-correcting" in that it shall not allow non-logical input. If a user erroneously attempts to execute a non-logical database change, the TMS shall inform the user of the reason for not performing the change, via a textual explanation or acronym. For instance, if a user attempts to assign a duplicate station number, the TMS shall inform the user about the non-logical entry.

All fields, including comments, shall allow for editing only the contents to be changed, without re-keying or affecting the rest of the information.

5.13.1 Account/Work Order Validation

The TMS shall validate account/work order information as it is entered into the TMS through the service order system by a client application to an account/work order database server. The server application is currently under development at this time. The client application will be required to send the 8 digit account/work order, system identification requesting the verification (i.e., TMS) and will receive a flag indicating if the account/work order is valid. If the information is invalid the server will supply a text field to be displayed stating why it was invalid. The TMS shall not accept a service order with an invalid account/work order. Since the server is currently under development, interface specifications are subject to change.

5.13.1.1 Work Order File - Approximately 75,000 records.

Work Order	8 characters
Work Order Open Date	8 characters
Work Order Close Date	8 characters
Work Order Labor Open Date	8 characters
Work Order Labor Close Date	8 characters
Work Order Material Open Date	8 characters
Work Order Material Close Date	8 characters
Work Order Direct Effort Open Date	8 characters
Work Order Direct Effort Close Date	8 characters
Work Order Administration Flag	1 character

5.13.1.2 Account File - Approximately 20,000 records.

Account Number	8 characters
Open Date	8 characters
Close Date	8 characters
Labor Open Date	8 characters
Labor Close Date	8 characters
Material Open Date	8 characters

Material Close Date	8 characters
Direct Effort Open Date	8 characters
Direct Effort Close Date	8 characters

5.13.1.3 Directory File - Approximately 30,000 records

The system shall accept a file (Directory records) to update the directory database. The data will be supplied in the following format:

Employee Identification Number	9 characters
Listing Name	30 characters
Payroll Type	1 character
Listing Telephone Number	7 characters
Company Name	15 characters
Division Name	15 characters
Plant Site	4 characters
Building Number	15 characters
Room Number	4 characters
Mail Stop Number	4 characters

APPENDIX TMS-1

GLOSSARY

Glossary

Term	TMS Intent
Account/Work Order	The primary identification for the collection of all costs. Generally, this is the lowest organizational unit for cost collection and distribution and for purposes of explanation to the customer.
Activity	Column of related blocks on flowchart.
Block	A TMS specific task on a flowchart represented by a symbol , a square or a circle.
Business Unit	The highest organizational unit within the Company or Customer-Company.
Company	Martin Marietta Energy Systems, Inc.
Contractor	The Company providing the ORF-ICN.
Cost-types	Various sources of costs which the user elects to identify and tract for control and interpretation of costs. Examples are toll calls from a particular carrier, a particular tax, a fee charged for maintaining cables, a fee charged for providing network trouble repair, or a particular operating cost needing distribution.
Customer	Any person who has been or will be provided any telecommunications services.
Customer-Company	An organization other than the Company or DOE which is provided telecommunications services.
Dedicated Users	Personnel who use the TMS on a daily basis and whose primary job functions involve use of the TMS and shall not be constrained as users needing high priority data lines or priority CPU access. The dedicated users will include, but not be limited to, the service order group.
Feature	An identifiable option or service associated with a station for costing or other purposes.
Fiscal Year	The accounting year used by DOE and beginning on October 1.
Function	A group of related activities.
Installed Inventory	The equipment, services, and features associated with each individual station.

Network	A collection of stations which have sufficiently similar characteristics as to be defined as an entity. Some characteristics considered may include technology, location, security classification, service being provided, or administrative controls. Some examples of networks are credit cards, independent alarm circuits, token rings, Ethernets, broadband, telephones, etc.
Non-recurring Costs	A one-time charge for a particular type of service such as a move, change, or addition.
ORF-ICN	Oak Ridge Federal Integrated Communications Network.
OICC	Operations Integrated Control Center.
Phase I	The period of operation of the TMS prior to the acceptance of the VDTS.
Phase II	The period of operation of the TMS after acceptance of the VDTS.
Process	A method of accomplishing an activity or function.
Recurring Costs	A fixed cost charged each billing period for a particular continuing type of service. Some examples are a particular data service, basic dial tone, voice mail box, etc.
Service Provider	An internal (such as a site maintenance group) or external organization contracted by DOE to perform a specific service.
Site (or Plant)	A designation for a major facility, plant, or area.
Station	A unique identified point of access to Telecommunications services. This may include a telephone, data line connection, credit card, etc.
TCP/IP	Transport Control Protocol/Internet Protocol
TMS	Telecommunications Management System Application Software and supporting System Software and Hardware.
TMS Computer System	Hardware and system software for the TMS.
User	An individual utilizing the TMS software or database.
USOC	A code, not necessarily the industry standard Uniform Service Order Code, used to identify various equipment and features in the installed inventory database and used for costing and other purposes.
Vendor	Equipment or software provider.
VDTS	Voice and Data Telecommunications System (PBX Switch System)

APPENDIX TMS-2

SYSTEM ACTIVITY INFORMATION

System Activity Information

The system shall support the following current requirements plus assumed growth of 5% per year:

CDR Record Volume	4,200,000 Local exchange and intra-system calls per month 200,000 FTS calls/month 60,000 other charges/credits/month for various commercial services and including collect, third number billed, and credit card calls. The CDR information shall be retained on-line in accordance with TMS Section 2.7 and archived up to 60 days.
Directory	30,000 Alphabetical Listings. All active directory listings shall be retained on-line. No archiving is necessary.
Directory Assistance	100 queries per hour average for peak hours for personnel directory
Facilities Management	58 Organizations served in 2,000 buildings or structures. 45,000 Voice and data stations in several networks and point-to-point applications. About 35,000 are expected to be PBX related and 10,000 not.
Installed Inventory	Installed inventory of 4,700 unique items of different equipment totaling to 380,000 installed items and features. The average number of equipment and feature items per station is nine. All active inventory shall be retained on-line. No archival is necessary.
Uninstalled Equipment Inventory	Equipment stored for network use when requested by service order. See Section 2.3.10. All uninstalled inventory shall be retained on-line. No archival is necessary.
Service Order and Trouble Ticket	3,000 Moves, adds, changes, disconnects, and trouble requests per month. 1,000 are trouble orders. These orders are received, each workday, but may vary by as much as 50% from day to day. Trouble orders are active approximately three days, the others up to six months. (See Section 2.2.4) All orders shall be retained on-line for 90 days after closing the order. Information shall be archived for one year and then transferred to backup media for indefinite storage.
TMS Users	DOE will have 16 concurrent users of the TMS system and a total of 30 TMS users. The number of Contractor users shall be added by the Contractor.

APPENDIX TMS-3

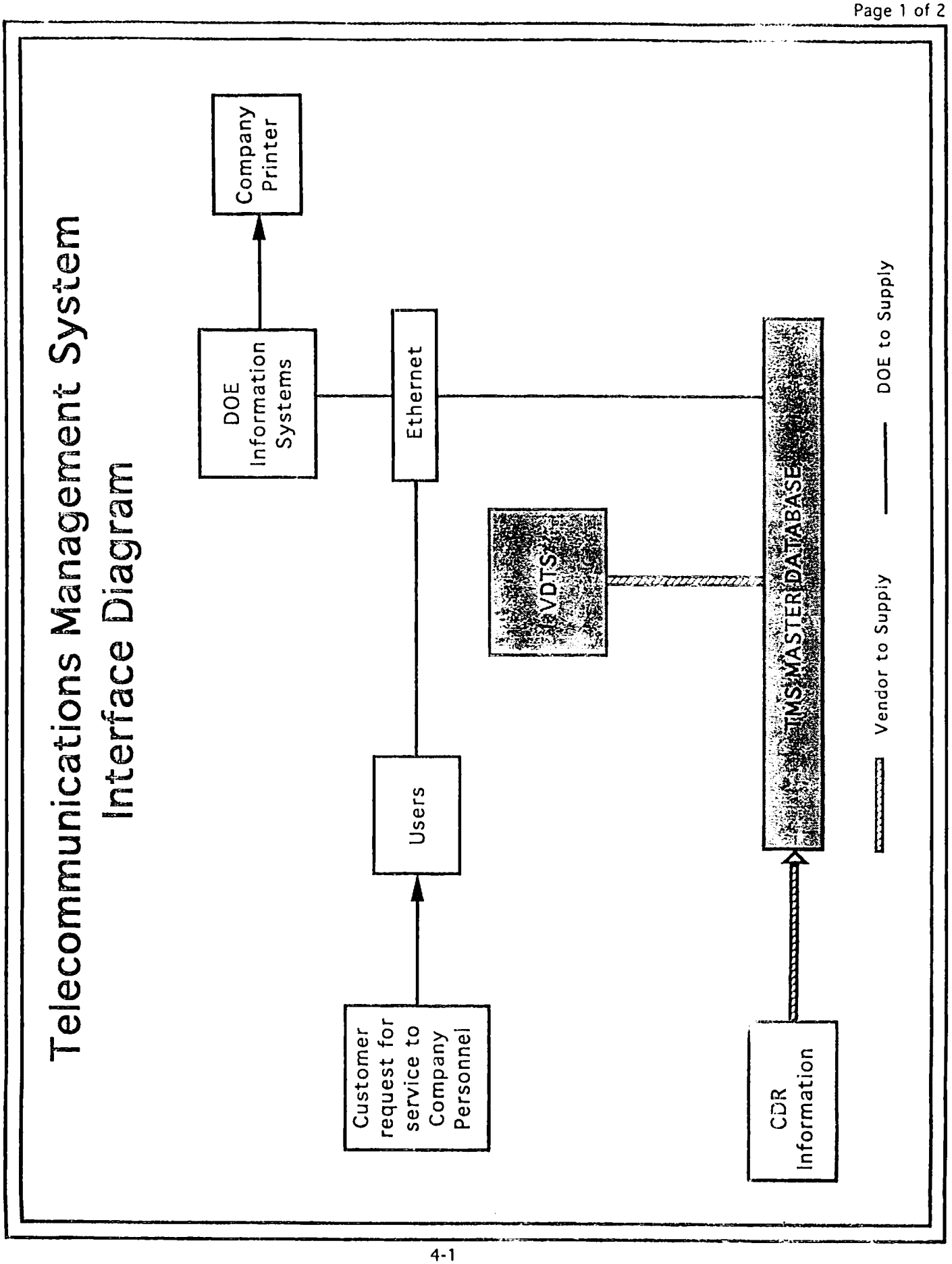
MAJOR DOCUMENTS REQUIRED AFTER AWARD

Major Documents Required After Award

Specification Section	Brief Description	When Required, Event or Time After Award
5.13	List of Fields and Validation Approach	30 Days prior to any Software Development.
2.7.4	Terminating Call Location Table	At Installation Test and Thereafter
3.5	Documented Releases to TMS Software	As Released
3.5	Software Change Control Procedure	30 Days prior to VDTS System Acceptance Test
4.1.2	Final Project Management Plan	30 Days prior to any Software Development or 90 Days prior to VDTS System Acceptance Test
4.1.4	Escalation Procedure	60 Days After Contract Award
4.1.5	Project Review Meeting Agenda	5 Days Before Meeting
4.1.5	Project Review Meeting Minutes	5 Days After Meeting
4.1.6	Initial Project Review Meeting	45 Days
4.2.3	Software Review Meeting Agenda	5 Days Before Meeting
4.2.3	Software Review Meeting Minutes	5 Days After Meeting
4.2.4	Final Software Development Plan	30 Days prior to any Software Development
4.3.1	Test Agendas (installation and acceptance)	5 Days Before Test
4.3.1	Test Results (installation and acceptance)	10 Days After Test
4.3.4	Test Plan for VDTS Impact	45 Days Prior to VDTS System Acceptance Test
4.4.5	Final Training Plan	30 Days Prior to Factory Test
4.5.1	Data Consistency Plan	Before Site Survey Begins
4.6	Documentation (Hardware and Software)	Installation Test
4.6	Documentation Updates (Hardware and Software)	As Available After Installation Test

APPENDIX TMS-4

EXHIBITS


Telecommunications Management System
Interface Diagram
Company Printer
DOE Information Systems
Ethernet
VDTS
TMS MASTER DATABASE
Users
Customer request for service to Company Personnel
CDR Information
Vendor to Supply
DOE to Supply

TMS Conceptual Functional Diagram

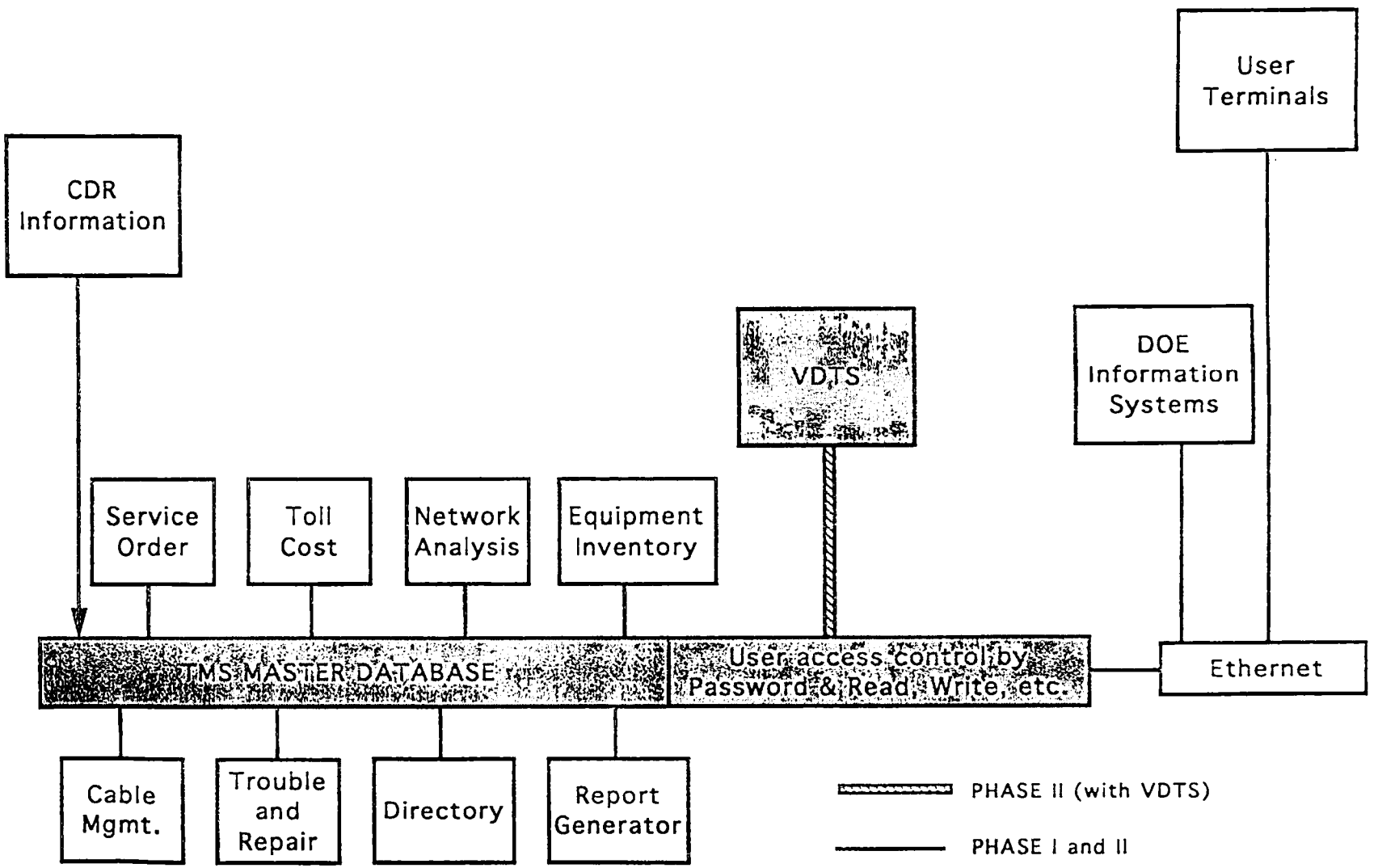


Exhibit 2

CURRENT WIRING IDENTITIES

Type Of Wiring Identity/Examples	Comments
Building Wiring Plan ---	
D-046-2 LAN-5-316 T6-2-12 SFV123M	Under the wiring plan it is necessary to include the building number to uniquely define an individual wiring component.
SCB ---	
88RT102 LAPC7124928 88GLNC10362 80.GT.4.091	Maximum of 11 characters
Maintenance ---	
YDO-0027 XUO2894	Maximum of 11 characters

EXHIBIT 3

Current Data Base Systems

Service Order Data Base (on DEC 2060)	(Pages 1-4)
Combination of Inventory Administrative and Feature Details Data Base (on PDP-10 on-line)	(Pages 5-6)
Combination of Inventory Administrative and Features Data Base (on IBM-3083, information from PDP-10 data bases)	(Pages 7-8)
Directory Records Data Base (on IBM-3083)	(Page 9)

NOTE: The data described on these files are for data conversion scoping purposes only and not intended for data mapping and detail data conversion planning.

SERVICE ORDER DATA BASE
(on DEC 2060)

NOTE: The data described on these files are for data conversion scoping purposes only and are not intended for data mapping and detail data conversion planning.

SINGLE POINT OF CONTACT
TELECOMMUNICATIONS NETWORK REQUEST FOR SERVICES
SPOC.DMD

STRUCTURE SECTION ATTRIBUTE	ABBR.	TYPE	FIELD SIZE	ACCESS
REQUEST_NUMBER	REQNO	TEXT	LENGTH 6	KEYED
SITE_NUMBER	SN	INTEGER	LENGTH 2	KEYED
ASCB_GROUPING_NUMBER	GROUP	TEXT	LENGTH 6	KEYED
OCRO_NUMBER	OCRO	TEXT	LENGTH 6	KEYED
REQUEST_DATE	RD	DATE	LENGTH 6	KEYED
REQUEST_DUE_DATE	DUE	DATE	LENGTH 6	KEYED
ENTRY_INITIALS	EI	TEXT	LENGTH 3	KEYED
REQUESTOR_LAST_NAME	RLN	TEXT	LENGTH 20	KEYED
REQUESTOR_FIRST_INITIAL	RFI	TEXT	LENGTH 1	
REQUESTOR_PHONE_NUMBER	RPH	TEXT	LENGTH 7	
CONTACT_LAST_NAME	CLN	TEXT	LENGTH 20	KEYED
CONTACT_FIRST_INITIAL	CFI	TEXT	LENGTH 1	
CONTACT_PHONE_NUMBER	CPH	TEXT	LENGTH 7	

NETWORK TYPE:	1-DATA, 2-RADIO, 3-PHONE, 4-USER OWNED
CLASSIFICATION:	U-UNCLASSIFIED, C-CLASSIFIED
GROUPING FLAG:	Y OR N

NETWORK_TYPE	NTY	INTEGER	LENGTH 1	KEYED
CLASSIFICATION	CC	TEXT	LENGTH 1	KEYED
GROUPING_FLAG	GF	TEXT	LENGTH 1	
PHONE_CIRCUIT_NUMBER	PHONE	TEXT	LENGTH 11	KEYED
CONDENSED_CIRCUIT_NO	CCN	TEXT	LENGTH 7	
MAIN_ACCOUNT_NUMBER	MACCT	TEXT	LENGTH 7	KEYED
ACCOUNT_WORKORDER_NO	ACTWO	TEXT	LENGTH 10	
TNSD_CODE	DIVCD	TEXT	LENGTH 4	
SHOPORDER_NUMBER	SON	TEXT	LENGTH 12	
SCB_911_VERIFICATION	S911	TEXT	LENGTH 12	
BUILDING_0	BN00	TEXT	LENGTH 7	KEYED
AROOM_0	RN00	TEXT	LENGTH 4	
BUILDING_1	BN01	TEXT	LENGTH 7	KEYED
ROOM_1	RN01	TEXT	LENGTH 4	
BUILDING_2	BN02	TEXT	LENGTH 7	
ROOM_2	RN02	TEXT	LENGTH 4	
BUILDING_3	BN03	TEXT	LENGTH 7	
ROOM_3	RN03	TEXT	LENGTH 4	
BUILDING_4	BN04	TEXT	LENGTH 7	
ROOM_4	RN04	TEXT	LENGTH 4	

ATTRIBUTE	ABBR.	TYPE	FIELD SIZE	ACCESS
SCB_VENDOR_FLAG	SVEND	TEXT	LENGTH 1	KEYED
SCB_CONTACT_NAME	SCONT	TEXT	LENGTH 12	
SCB_TRANS_DATE	STRAN	DATE	LENGTH 6	KEYED
SCB_SCH_COMP_DATE	SSCD	DATE	LENGTH 6	KEYED
SCB_ACT_COMP_DATE	ADATE	DATE	LENGTH 6	KEYED
RIMD_VENDOR_FLAG	RVEND	TEXT	LENGTH 1	KEYED
RIMD_CONTACT_NAME	RCONT	TEXT	LENGTH 12	
RIMD_TRANS_DATE	RTRAN	DATE	LENGTH 6	KEYED
RIMD_SCH_COMP_DATE	RSCD	DATE	LENGTH 6	KEYED
RIMD_ACT_COMP_DATE	RDATE	DATE	LENGTH 6	KEYED
MAINT_VENDOR_FLAG	MVEND	TEXT	LENGTH 1	KEYED
MAINT_CONTACT_NAME	MCONT	TEXT	LENGTH 12	
MAINT_TRANS_DATE	MTRAN	DATE	LENGTH 6	KEYED
MAINT_SCH_COMP_DATE	MSCD	DATE	LENGTH 6	KEYED
MAINT_ACT_COMP_DATE	MDATE	DATE	LENGTH 6	KEYED
OTHER_VENDOR_FLAG	OVEND	TEXT	LENGTH 1	KEYED
OTHER_CONTACT_NAME	OCONT	TEXT	LENGTH 12	
OTHER_TRANS_DATE	OTRAN	DATE	LENGTH 6	KEYED
OTHER_SCH_COMP_DATE	OSCD	DATE	LENGTH 6	KEYED
OTHER_ACT_COMP_DATE	ODATE	DATE	LENGTH 6	KEYED
KEY_SYSTEM	KS	TEXT	LENGTH 4	
CALL_PICKUP_GROUP	CPG	TEXT	LENGTH 4	
CAT_CODE	CAT	TEXT	LENGTH 1	
LINE_CLASS_CODE	LCC	TEXT	LENGTH 3	

IRCD COED:	A-ADD, C-CHANGE, D-DELETE, X-UNDETERMINED

IRCD_CODE	IRCD	TEXT	LENGTH 1	
FILLER 14				
FILLER 4				
NON_RECURRING_CHARGE	NRC	REAL	LENGTH 10	

NETWORK TECH:	1-BB, 2-SSN, 3-FO, 4-REV.REQ, 5-RADIO, 6-TNSD, 7-PW CIRCUITS, 8-PA SYSTEMS, 9-IBM, 10-ETHERNET, 11-TOKEN RING, 99-ALL TELEPHONES, DELETE TRANSACTIONS & RELOCATE (OLD) TRANSACTIONS

NETWORK_TECHNOLOGY	TECH	TEXT	LENGTH 2	KEYED
MUX_NUMBER	MUX	TEXT	LENGTH 5	
NODE_NUMBER	NODE	TEXT	LENGTH 2	
PORT_NUMBER	PORT	TEXT	LENGTH 7	

RATE CODE:	A - Z OR 0 - 9, BLANK OR "*" THE RATE CODE FOR TELEPHONES, RADIOS & USER OWNED CAN BE BLANK. DATA LINES MUST HAVE AN ENTRY IN THIS FIELD. AN "*" WILL BE CHANGED BACK TO A BLANK BEFORE PASSING IT TO THE ESS ACCOUNTING SYSTEM.

ATTRIBUTE	ABBR.	TYPE	FIELD SIZE	ACCESS
RATE_CODE	RC	TEXT	LENGTH 1	

AUDIT FLAG: "Y" OR BLANK
RECORD ENTRY ONLY FLAG: "Y" OR BLANK

AUDIT_FLAG	AUDIT	TEXT	LENGTH 1	
RECORD_ENTRY_ONLY_FLAG	REOF	TEXT	LENGTH 1	KEYED
BADGE_NUMBER	BADGE	TEXT	LENGTH 6	

TYPE SERVICE REQUESTED: A-ADD, C-CHANGE, D-DELETE, N-RELOCATE (NEW), O-RELOCATE (OLD)
ACTIVITY FLAG: A-ADD, C-CHANGE, D-DELETE

TYPE_SERVICE_REQUESTED	TSR	TEXT	LENGTH 1	
ACTIVITY_FLAG	ACTF	TEXT	LENGTH 1	KEYED
CANCELLED_FLAG	CF	TEXT	LENGTH 1	KEYED
CANCELLED_DATE	CDATE	DATE	LENGTH 6	
CANCELLED_INITIALS	CINIT	TEXT	LENGTH 3	

PROGRAMMERS FIELDS

ESS_DOWNLOAD_FLAG	DLF	TEXT	LENGTH 1	KEYED
ESS_DOWNLOAD_DATE	DLD	DATE	LENGTH 6	
ACCEPTED_BY_ESS	ACEPT	TEXT	LENGTH 1	KEYED
ACCEPTED_BY_ESS_DATE	ESDTE	DATE	LENGTH 6	KEYED
VENDOR_VERSION_NUMBER	VV	INTEGER	LENGTH 2	
SCB_ISSUED_INITIALS	SCBI	TEXT	LENGTH 3	
RIMD_ISSUED_INITIALS	RIMDI	TEXT	LENGTH 3	
MAINT_ISSUED_INITIALS	MAINI	TEXT	LENGTH 3	
OTHER_ISSUED_INITIALS	OTHRI	TEXT	LENGTH 3	
SCB_ACTDTE_INITIALS	SACTI	TEXT	LENGTH 3	
RIMD_ACTDTE_INITIALS	RACTI	TEXT	LENGTH 3	
MAINT_ACTDTE_INITIALS	MACTI	TEXT	LENGTH 3	
OTHER_ACTDTE_INITIALS	OACTI	TEXT	LENGTH 3	
AUDIT_INITIALS	AI	TEXT	LENGTH 3	

ERROR RESOLUTION FLAG: S-SUBMITTED BLANK-NOT SUBMITTED

ERROR_RESOLUTION_FLAG	ERF	TEXT	LENGTH 1	KEYED
DATE_OF_ENTRY	DOE	DATE OF	LENGTH 6	KEYED ENTRY
DATE_OF_CHANGE	DOC	DATE OF	LENGTH 6	KEYED CHANGE
CALL_FORWARD_NUMBER	CFWD	TEXT	LENGTH 5	

SINGLE POINT OF CONTACT USOC FILE (SPOCUS.DMD)

STRUCTURE SECTION

ATTRIBUTE	ABBR.	TYPE	FIELD SIZE	ACCESS
SPOCUS_REQUEST_NUMBER	REQNO	TEXT	LENGTH 6	KEYED
SPOCUS_USOC_ACTION	UACT	TEXT	LENGTH 1	
SPOCUS_USOC_CODE	USOC	TEXT	LENGTH 7	KEYED
SPOCUS_MLT	UMULT	TEXT	LENGTH 3	
SPOCUS_VENDOR	UV	TEXT	LENGTH 10	
SPOCUS_DESCRIPTION	UDESC	TEXT	LENGTH 20	
SPOCUS_STORES_CATALOG	CAT	TEXT	LENGTH 9	
SPOCUS_REC_ENTRY_ONLY_FLG	UREF	TEXT	LENGTH 1	

SINGLE POINT OF CONTACT REMARK FILE (SPOCRM.DMD)

STRUCTURE SECTION

SPOCRM_REQUEST_NUMBER	REQNO	TEXT	LENGTH 6	KEYED
SPOCRM_LINE_NO	RLN	INTEGER	LENGTH 2	KEYED
SPOCRM_REMARK	REM	TEXT	LENGTH 70	

COMBINATION OF THE INVENTORY, ADMINISTRATIVE AND FEATURE DETAILS DATA BASE (ON PDP-10 ON-LINE)

ATTRIBUTE	ABBR.	TYPE	FIELD SIZE	ACCESS
ACTIVITY_FLAG	AFLAG	TEXT	LENGTH 1	KEYED
ACTIVITY_DATE	ADATE	TEXT	LENGTH 6	KEYED
MAIN_ACCOUNT	MACCT	TEXT	LENGTH 7	KEYED
PHONE_NUB	PHONE	TEXT	LENGTH 7	KEYED
DIV_CODE	DIVCD	TEXT	LENGTH 4	KEYED
ACCT_WO	ACTWO	TEXT	LENGTH 10	KEYED
KEY_SYSTEM	KS	TEXT	LENGTH 4	KEYED
REQ_NO	REQNO	TEXT	LENGTH 6	KEYED
BLDG_NUMB1	BNO1	TEXT	LENGTH 7	
ROOM_NUMB1	RNO1	TEXT	LENGTH 4	
BLDG_NUMB2	BON2	TEXT	LENGTH 7	
ROOM_NUMB2	RNO2	TEXT	LENGTH 4	
BLDG_NUMB3	BNO3	TEXT	LENGTH 7	
ROOM_NUMB3	RNO3	TEXT	LENGTH 4	
BLDG_NUMB4	BNO4	TEXT	LENGTH 7	
ROOM_NUMB4	RNO4	TEXT	LENGTH 4	
DATE_USE_CODE	DATUS	TEXT	LENGTH 1	
TC_CODE	TCODE	TEXT	LENGTH 1	
ACTION_1	ACT1	TEXT	LENGTH 1	
MULTIPLE_1	MUL1	TEXT	LENGTH 3	
USOC_1	USC1	TEXT	LENGTH 7	
ACTION_2	ACT2	TEXT	LENGTH 1	
MULTIPLE_2	MUL2	TEXT	LENGTH 3	
USOC_2	USC2	TEXT	LENGTH 7	
ACTION_3	ACT3	TEXT	LENGTH 1	
MULTIPLE_3	MUL3	TEXT	LENGTH 3	
USOC_3	USC3	TEXT	LENGTH 7	
ACTION_4	ACT4	TEXT	LENGTH 1	
MULTIPLE_4	MUL4	TEXT	LENGTH 3	
USOC_4	USC4	TEXT	LENGTH 7	
ACTION_5	ACT5	TEXT	LENGTH 1	
MULTIPLE_5	MUL5	TEXT	LENGTH 3	
USOC_5	USC5	TEXT	LENGTH 7	
ACTION_6	ACT6	TEXT	LENGTH 1	
MULTIPLE_6	MUL6	TEXT	LENGTH 3	
USOC_6	USC6	TEXT	LENGTH 7	
ACTION_7	ACT7	TEXT	LENGTH 1	
MULTIPLE_7	MUL7	TEXT	LENGTH 3	
USOC_7	USC7	TEXT	LENGTH 7	
AACTION_8	ACT8	TEXT	LENGTH 1	
MULTIPLE_8	MUL8	TEXT	LENGTH 3	
USOC_8	USC8	TEXT	LENGTH 7	
ACTION_9	ACT9	TEXT	LENGTH 1	
MULTIPLE_9	MUL9	TEXT	LENGTH 3	

ATTRIBUTE	ABBR.	TYPE	FIELD SIZE	ACCESS
USOC_9	USC9	TEXT	LENGTH 7	
ACTION_10	ACT10	TEXT	LENGTH 1	
MULTIPLE_10	MUL10	TEXT	LENGTH 3	
USOC_10	USC10	TEXT	LENGTH 7	
ACTION_11	ACT11	TEXT	LENGTH 1	
MULTIPLE_11	MUL11	TEXT	LENGTH 3	
USOC_11	USC11	TEXT	LENGTH 7	
ACTION_12	ACT12	TEXT	LENGTH 1	
MULTIPLE_12	MUL12	TEXT	LENGTH 3	
USOC_12	USC12	TEXT	LENGTH 7	
ACTION_13	ACT13	TEXT	LENGTH 1	
MULTIPLE_13	MUL13	TEXT	LENGTH 3	
USOC_13	USC13	TEXT	LENGTH7	
ACTION_14	ACT14	TEXT	LENGTH1	
MULTIPLE_14	MUL14	TEXT	LENGTH 3	
USOC_14	USC14	TEXT	LENGTH 7	
ACTION_15	ACT15	TEXT	LENGTH 1	
MULTIPLE_15	MUL15	TEXT	LENGTH 3	
USOC_15	USC15	TEXT	LENGTH 7	
CLASS_CODE	CC	TEXT	LENGTH 1	KEYED
USOC_DATE	UPDATE	TEXT	LENGTH 6	
NRCOST	NRC	TEXT	LENGTH 11	
SKEY	SKEY	TEXT	LENGTH 1	KEYED
GOOD_REC	GREC	TEXT	LENGTH 1	KEYED
CALL_PICKUP	CPG	TEXT	LENGTH 4	KEYED
LINE_CLASS_CODE	LCC	TEXT	LENGTH 3	
CAT_CODE	CAT	TEXT	LENGTH 1	
INS_RELOC_CODE	IRCD	TEXT	LENGTH 2	
REMARK1	RM1	TEXT	LENGTH 70	
REMARK2	RM2	TEXT	LENGTH 70	
REMARK3	RM3	TEXT	LENGTH 70	
REMARK4	RM4	TEXT	LENGTH 70	
REMARK5	RM5	TEXT	LENGTH 70	
REMARK6	RM6	TEXT	LENGTH 70	
REMARK7	RM7	TEXT	LENGTH 70	
REMARK8	RM8	TEXT	LENGTH 70	
REMARK9	RM9	TEXT	LENGTH 70	
REMARK10	RM10	TEXT	LENGTH 70	
REMARK11	RM11	TEXT	LENGTH 70	
REMARK12	RM12	TEXT	LENGTH 70	
REMARK13	RM13	TEXT	LENGTH 70	
REMARK14	RM14	TEXT	LENGTH 70	
REMARK15	RM15	TEXT	LENGTH 70	
GROUP_NO	GROUP	TEXT	LENGTH 6	KEYED
AUDIT_FLAG	AF	TEXT	LENGTH 1	KEYED
CALL_FORWARD	CALLF	TEXT	LENGTH 5	KEYED

COMBINATION OF INVENTORY ADMINISTRATIVE AND FEATURES DATA BASE
(on IBM-3083 Information from PDP-10 Data Bases)

----------ESS MAIN MASTER DESCRIPTION----------

```
01  ESS-MAST-REC.
    05  M-ACTIVITY-FLAG                          PIC X
    05  M-ACTIVITY-DATE.
        10  M-ACT-YR                             PIC 99
        10  M-ACT-DAY
            15  M-ACT-MO                         PIC 99
            15  M-ACT-MO                         PIC 99
    05  M-RECORD-KEY.
        10  M-MAIN-ACCOUNT
            15  M-MAIN-ACCT1                     PIC X (3)
            15  M-MAIN-ACCT2                     PIC 9 (4)
        10  M-PHONE-NUMBER
            15  M-PHONE-1                       PIC X (3)
            15  M-PHONE-2                       PIC X (4)
        10  M-DIVISION-CODE                      PIC 9 (4)
        10  M-DIVISIONAL-ACCT.
            15  M-DIVACCT-1                     PIC X
            15  M-DIVACCT-2                     PIC X (9)
    05  M-KEY-SYS-NO.
        10  M-KEY-SYS-NO1                       PIC X (3)
        10  M-KEY-SYS-NO2                       PIC X (4)
    05  M-REQUEST-NUMBER
        10  M-REQ-NO1                           PIC 9 (2)
        10  M-REQ-NO2                           PIC 9 (4)
    05  M-SET-NUMBER                             PIC 9 (3)
    05  M-BLDG-NUMBER                            PIC X (7)
    05  M-MAIL-ROOM                              PIC X (4)
    05  M-CALL-PICKUP                            PIC X (4)
    05  M-LCC                                   PIC X (3)
    05  M-CAT                                   PIC X
    05  M-TC                                    PIC 9
    05  M-CHAIN-REC-CNT                          PIC 9 (2)
    05  M-USOC-ACT-DATE                          PIC 9 (6)
    05  M-USOC-INFORMATION
        10  M-USOC-INFO (OCCURS 5 TIMES
                         INDEXED BY M-IDX.
            15  M-USOC-MULT                     PIC 9 (3)
            15  M-USOC-CODE                     PIC X (7)
```

-------MASTER CHAIN RECORDS (SUB-MASTER) DESCRIPTION)------

```
01   WS-SUB-REC
     05   WS-SUB-DELETE-FLAG                          PIC X
     05   WS-SUB-KEY
          10   WS-SUB-MAINACCT                       PIC X (7)
          10   WS-SUB-PHONE
               15   WS-SUB-PHONE1                    PIC X (3)
               15   FILLER                           PIC X (4)
          10   WS-SUB-DIVCODE                        PIC 9 (4)
          10   WS-SUB-DIVACCT                        PIC X (10)
          10   WS-SUB-NO                             PIC 9 (2)
     05   WS-SUB-USOC-INFORMATION
          10   WS-SUB-USOC-INFO (OCCURS 3 TIMES
                                 INDEXED BY WS-IDX)
               15   WS-SUB-USOC-MULT                 PIC 9 (3)
               15   WS-SUB-USOC-CODE                 PIC X (7)
```

Directory Records Data Base
(on IBM HOST)

Data Element	COBOL Specification	Position
Employee Identification Number	x(9)	1-9
Listing Name	x(30)	10-39
Company Name	x(15)	40-54
Plant Site	x(4)	55-58
Division Name	x(15)	59-73
Payroll Type	x(1)	74
Building Number	x(7)	75-81
Mail Stop Number	x(4)	82-85
Room Number	x(4)	86-89
Listing Telephone Number	x(7)	90-96

APPENDIX TMS-5

REPORTS

REPORTS
To Be Pre-Formatted

Using CDR information, the Report Generator, the Directory function, the Inventory function, Service Order Records, and any additional information fields, software programming, or interfaces required, the following pre-formatted reports shall be provided upon user demand. The report set-up should be able to be easily changed by the user.

1). Service Order Reports

The Analysis of the service order process relating to customer satisfaction, installation efficiency, and work load analysis are just a few types of reviews desired; quantitative results including trends are best expressed in graphic form.

2) Trouble Reports

Completed trouble orders need analyzing for responsiveness, type trouble, trouble by location, etc. graphic analysis is beneficial for trends.

3) Call Usage Reports

a. Phone number billed
b. Date call placed
c. Originating phone area code
d. Originating phone number
e. Originating city
f. Originating state
g. Terminating phone area code
h. Terminating phone number
i. Terminating city
j. Terminating state
k. Message type (credit card, person/person, etc.)
l. Call length in minutes
m. Dollar amount
n. Time call placed
o. Carrier identification
p. Customer name
q. Building, room, and all **organizational levels**
Note: Items 'p' and 'q' relate to item 'a.'

Sorting of these reports will vary as department, division and/or phone number. The title should include the sorting parameters used.

4) Traffic Measurement and Analysis Information:

a. Date and time of reporting period
b. Call attempts by hour
c. Calls complete before queue
d. Total complete calls by hour
e. Trunk or trunk group identifiers
f. Trunk type

g. Number of active trunks in a group
h. All trunks busy by hour (busy hour)
i. Overflow calls
j. Blocked calls
k. Abandoned calls (before queue offered)
l. Failures
m. On line queue calls
n. On line queue duration
o. On line queue overflow or time-out
p. On line queue calls abandoned
q. Call back queue calls
r. Call back queue duration
s. Call back queue abandoned
t. Average conversation time (average conversation time of actual call)
u. Average processing time of call (set up time for call)

All call information above shall include both voice and data.

5) **Traffic Information Reports:**

a. Intra-switch traffic detail
b. Telephone station details for any specific station including Directory Attendant Consoles

6) **Traffic Peak Period Trend Analysis Information:**

a. Busy hour percentage - Percentages of calls placed in each busy hour.
b. Active hour percentage - Percentage of calls placed in an active hour where an active hour is defined by any hour within a work-day week and experiences traffic volumes equal to or greater than 60% of the total trunk capacity.
c. Busy hour call attempts - Total number of call attempts in a busy hour.
d. Active hour call attempts - Total number of call attempts in an active hour.

7) **Voice and Data Call Patterns and Frequency** for any calls through the VDTS:

a. Frequency of numbers called - Report of all numbers called from a particular station in excess of a user - selectable threshold that can be varied.
b. Excessive call lengths - Report of all calls from a particular station in excess of a user selectable threshold that can be varied.

8) **Installed Inventory Reports**

Upon request, the system shall provide on-line or hard copy reports of current leased and DOE Owned Inventory for any combination and range of information fields requested (ex: location fields specified for site, building, and station account number)

APPENDIX TMS-6

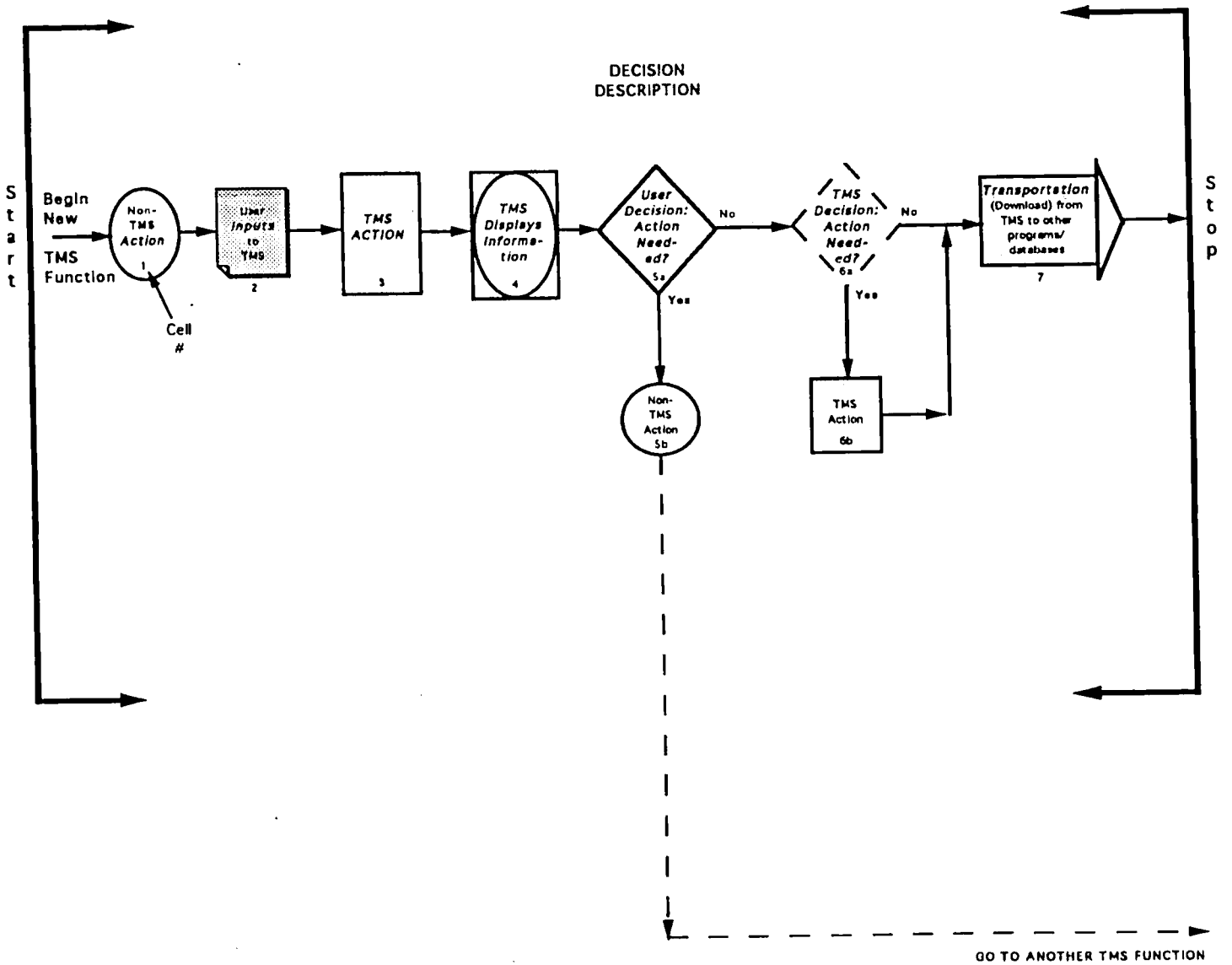
FLOWCHARTS

Introduction

Flowcharts of TMS Functional Requirements
General Description of FLOWCHART CONCEPT

The flowcharts in this section represent a vision of future business operation activities, interactions between the Contractor, DOE, and other service providers, and TMS/VDTS Operational Interfaces that the TMS system will coordinate. All numbered activities (columns) and individually numbered flowchart blocks represent requirements to meet the business objectives (Appendix TMS-7). Additional explanations, examples, and specific requirements can be found in Section 2 of this Specification. The flowchart itself is divided into the following sections that are arranged in a typical time-lined order: Service Order Entry, Post Order Entry Process Calculations (which include cable assignments and inventory tracking), the Scheduling Process, TMS Activities during Field Work, Order Close-Out/Updates, Monthly Toll Cost Processing, and Directory Inquiries/Updates. Each section or page of the flowchart represents a different computer "session" (a use of the TMS during a different point of time during the life of a service order or Directory inquiry). Depending upon the order, the TMS user may complete the session at one time (such as a standard order entry with no problems), may skip the session ("simple" orders may not need to have due dates scheduled), or the users may come back to a session several times (such as during Field Work Activities that have several problems). A legend of flowchart symbols may be found on the next page.

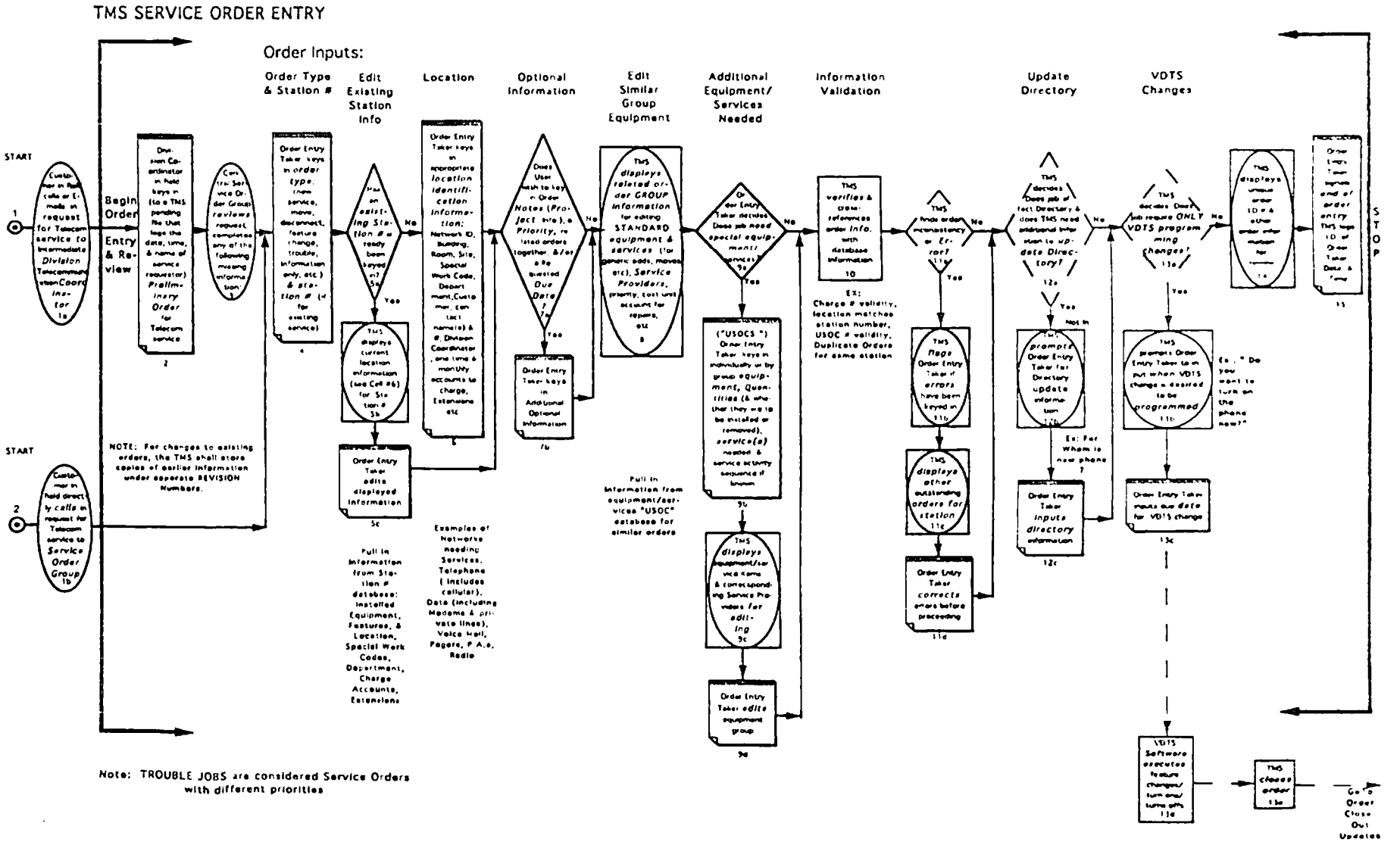
TMS FUNCTIONAL ACTIVITIES FLOWCHART LEGEND:



TMS SERVICE ORDER ENTRY
Index of Activities

Activity	Description
1-2	Customer Interface to TMS Pending File for Preliminary Orders
4	Order Type and Station Number
5	Edit Existing Station Information
6	Location of Service
7	Notes, Projects, Priority, Requested Due Date
8	Standard Equipment and Services Groups
9	Non-Standard Equipment and Services
10-11	Information Validation
12	Directory Information
13	"Only VDTS" Changes Jobs
14	Display Order Number
15	End of Order Entry - Log User ID, Date, Time

Vision of Sample Business Operations, Interactions Between Seller/Company, & TMS/VDTS Operational Interfaces

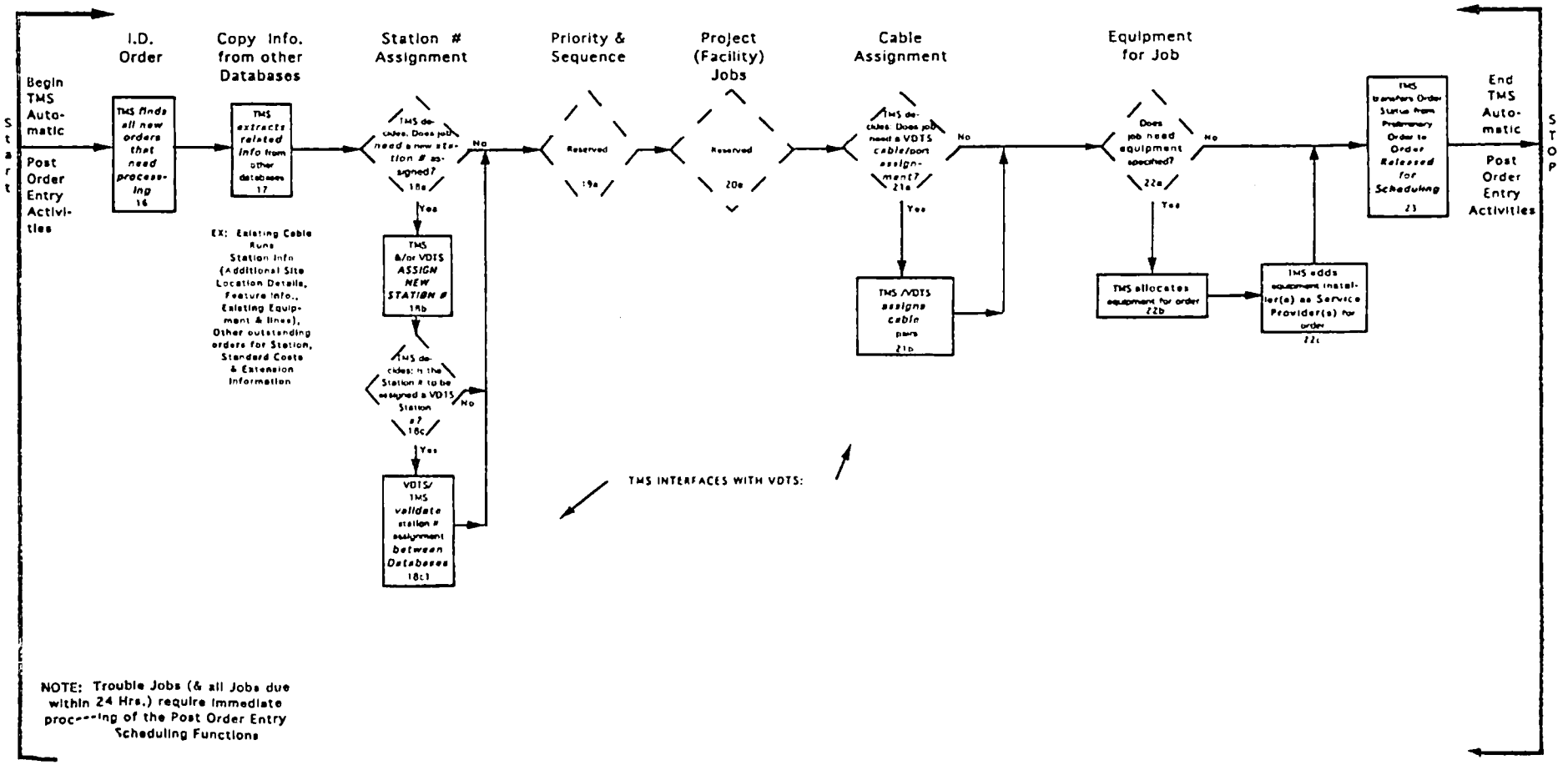


TMS POST-ORDER-ENTRY CALCULATIONS
Index of Activities

Activity	Description
16	System Locates All New Orders
17	Copy Related Order Information from Other Databases
18	Assign Unique Station Number
19	Reserved
20	Reserved
21	Assign Cables
22	Compile Order Equipment List for Job
23	Release Order for Scheduling

POST ORDER ENTRY TMS CALCULATIONS

NOTE: Many Activity Groups (Column Titles) in this function are independent & hence sequences may be re-arranged to facilitate system efficiency.

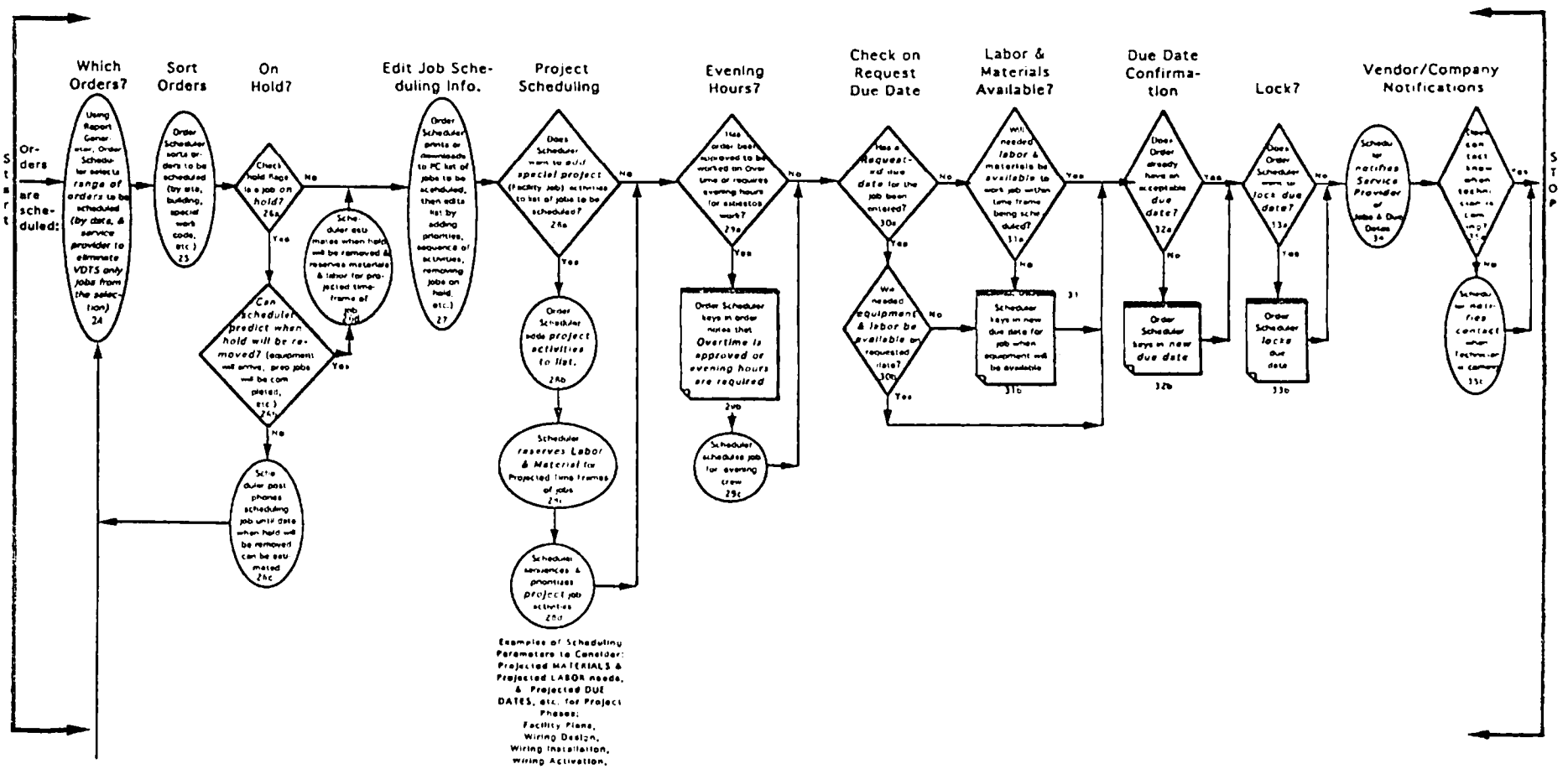


NOTE: Trouble Jobs (& all Jobs due within 24 Hrs.) require immediate proc---ing of the Post Order Entry Scheduling Functions

ORDER SCHEDULING FUNCTION
Index of Activities

Activity	Description
24	Select Orders to be Scheduled
25	Sort Orders to be Scheduled
26	Do Not Schedule Orders On Hold
27	Edit Job Scheduling Information
28	Project Scheduling (Projected Activities, Due Dates, and Equipment)
29	Evening Hours
30	Check if Requested Due Dates Are Feasible
31	Check if Labor and Materials Are Available
32	Confirmation of Due Date
33	"Locking" Due Dates
34-35	Service Provider/Field Contact Notification of Scheduled Jobs

SCHEDULING FUNCTION



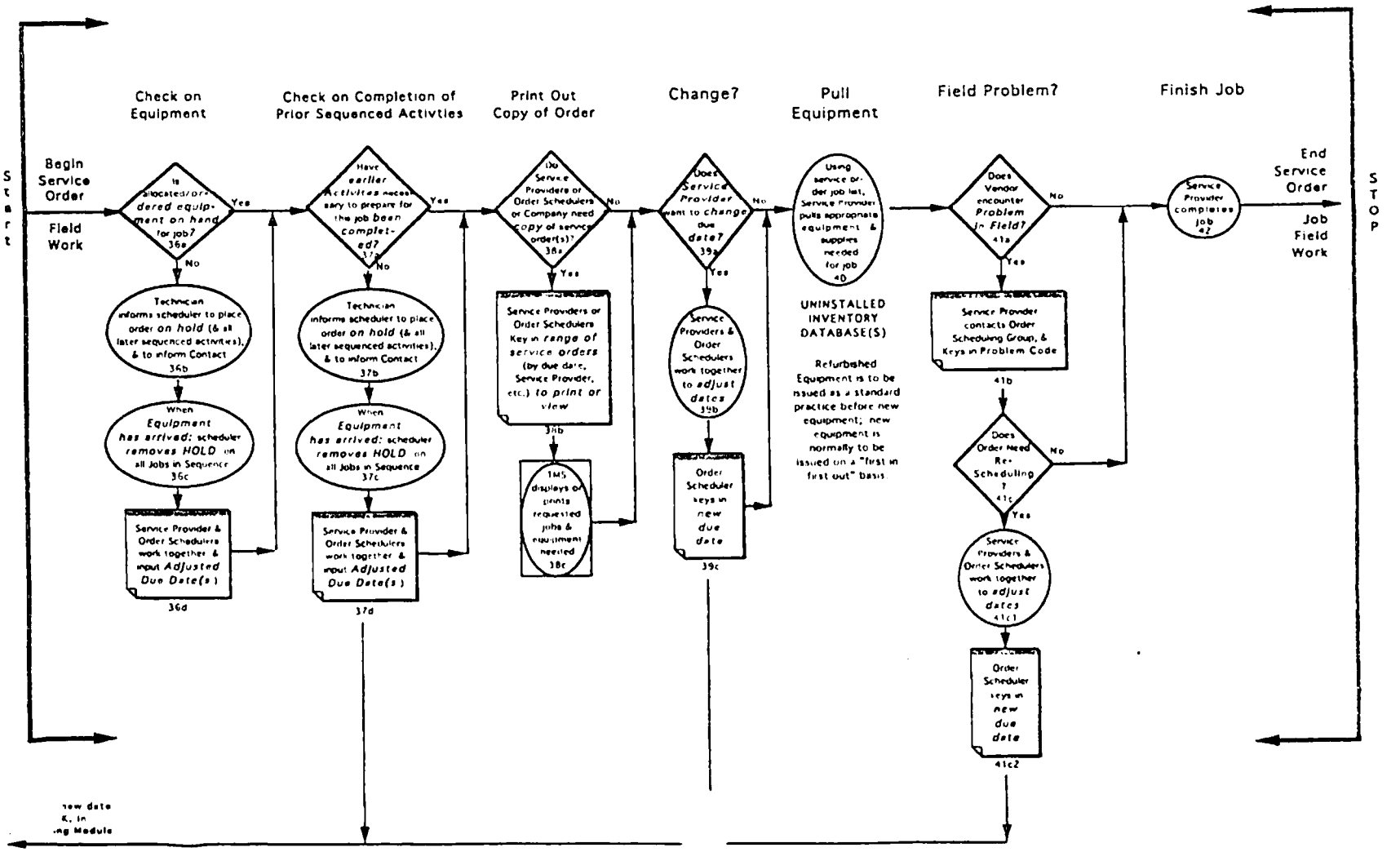
Jobs needing tracking during Cable/Trunk Capacity By Design &

Go Close-Out

TMS ACTIVITIES DURING FIELD WORK
Index of Activities

Activity	Description
36	Ensure Equipment is On Hand before Releasing Job for Field Work
37	Ensure Prior Jobs Completed
38	Print Out Copy of Order
39	Rescheduling Due Dates
40	Pulling Inventory From Stock
41	Logging Field Problems
42	Finishing Job

TMS ACTIVITIES DURING FIELD WORK

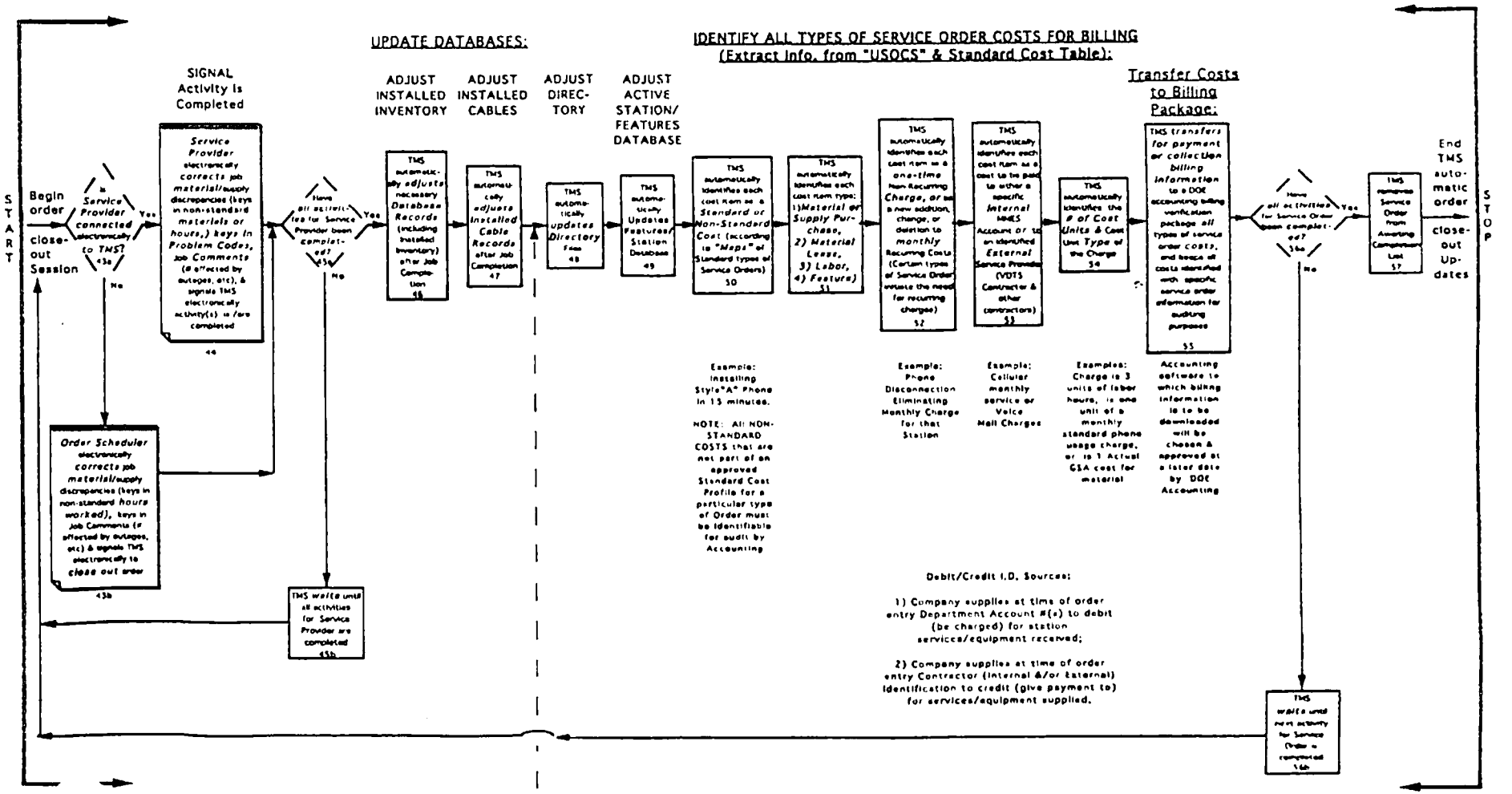


TMS ORDER CLOSE-OUT/UPDATING ACTIVITIES
Index of Activities

Activity	Description
43-45	Order Scheduling Group or Service Provider Signal Task Has Been Completed
46	Adjust Installed Inventory Records
47	Adjust Installed Cable Records
48	Update Directory Records
49	Adjust Active Stations/Station Features Records
50	Identify Standard vs. Non-Standard Costs
51	Identify Purchased Material vs. Leased Material vs. Labor Services vs. Features
52	Identify Recurring vs. Non-Recurring Costs
53	Identify Costs as Owed to Internal vs. External Service Providers
54	Identify Cost Unit Types and Quantities
55	Transfer to Accounting Closed-Out Activity Costs
56-57	Close Out Service Order

ORDER CLOSE-OUT UPDATES

NOTE: Sequence of many Updates is Independent & may be re-arranged for system efficiency

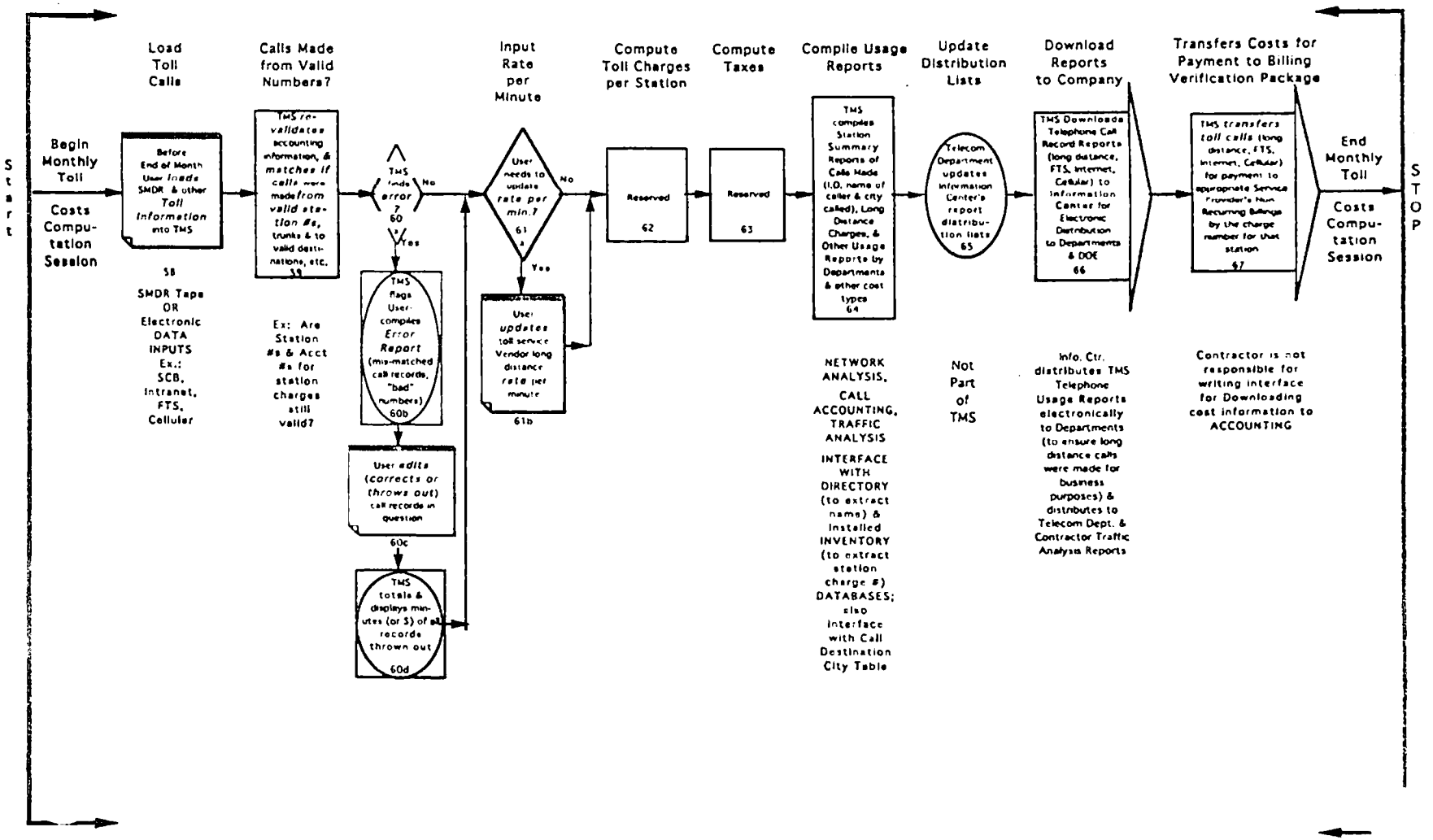


FROM VDTS "PROGRAMMING ONLY" JOB COMPLETION

TMS MONTHLY TOLL COST COMPUTATIONS
Index of Activities

Activity	Description
58	Load Toll Call Information into System
59	Ensure Calls Are Made from Valid Numbers
60	Edit or Throw Out Mis-Matched Call Records
61	Reserved
62	Reserved
63	Reserved
64	Compile Usage Reports
65	Update Information Center's Report Distribution Lists
66	DOE Transfers Cost Information to Information Center
67	Toll Cost Information to Accounting

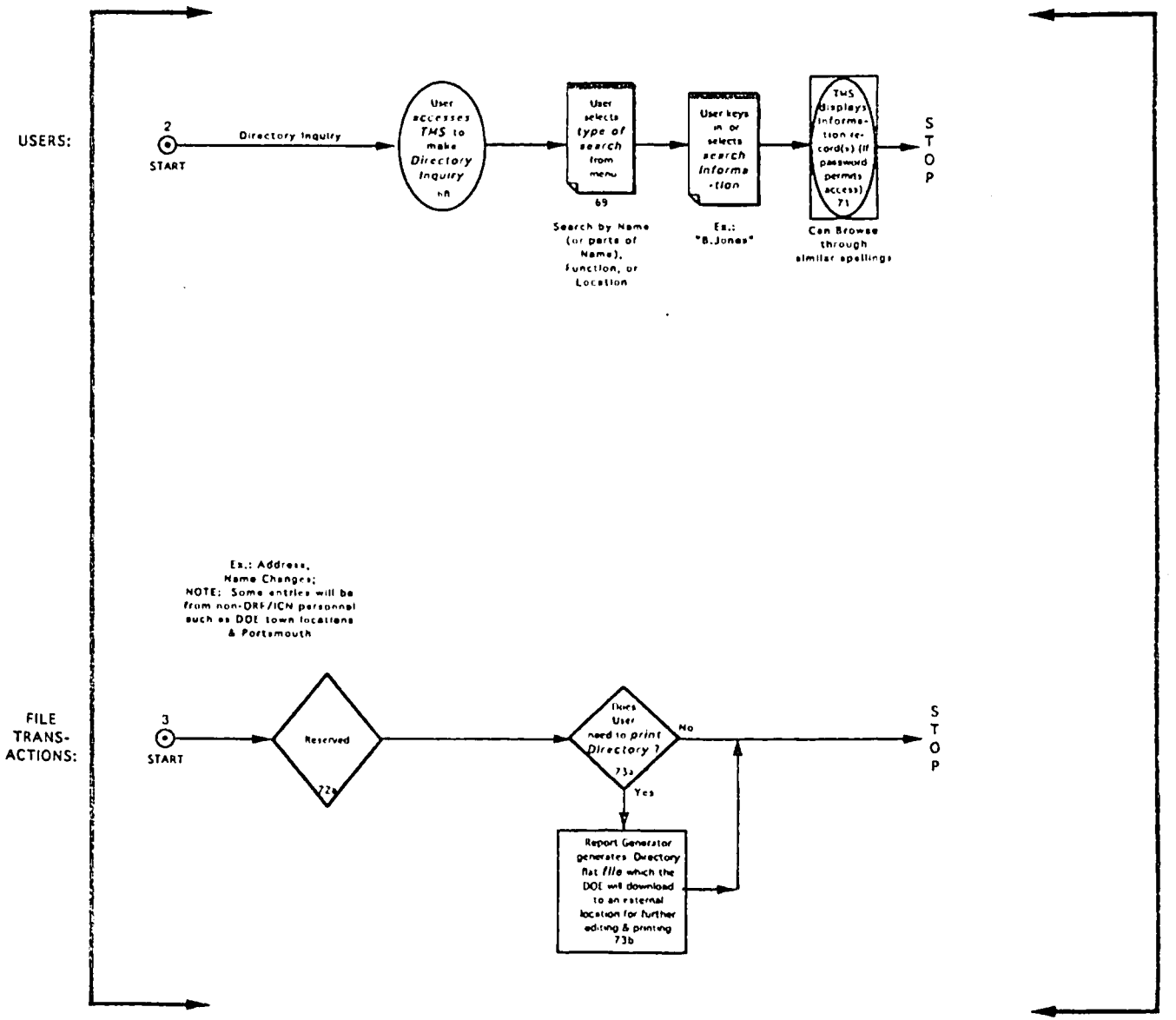
MONTHLY TOLL COST COMPUTATIONS



DIRECTORY INQUIRY/UPDATE PROCESS
Index of Activities

Activity	Description
68	Directory Information Query Users
69	Choosing Directory Query Search Method
70	Selecting Directory Information Type for Search
71	Displaying and Scrolling through Directory Information

DIRECTORY INQUIRIES/UPDATES FROM USERS & COMPANY



APPENDIX TMS-7

BUSINESS OBJECTIVES

BUSINESS OBJECTIVES

The following is provided for information and reference to understand the overall Telecommunications Business Objectives and thereby provide an understanding of the need for a reliable, flexible and adequate TMS.

1) **Avoid Unproductive Field Site Visits:**

   A) **Field site factors considered** before Installers' arrival to avoid wasting site visits:
      - Contact available
      - Earlier needed preparation Jobs identified and completed (jobs with multiple tasks are coordinated among Service Providers and Crews).
      - Location specific anomalies known and prepared for in advance (asbestos jobs, radiation areas, etc.).
      - No duplicate jobs for the same task(s).

   B) All the **correct material** and the supplies necessary for the job are identified and are "on hand" before an installer is issued a work order.

   C) The **correct Installer** has been identified as having the skills, clearances, and available hours necessary for the job before a work order is issued.

   D) **The Service** described on the service order **is what the customer wanted,** and contains all necessary activities to fulfill the customer's needs.

   E) Contractor's employees have an effective **field problem feedback** system to both the Contractor and DOE so that Contractor and DOE may work together as partners to solve them.

2) **Make efficient use of Service/Maintenance Technicians Time:**

   A) **Minimize Travel Time** between Job locations through effective and efficient scheduling of labor resources.

3) **Ensure Field Work is performed on Schedule to minimize disruption to the customer:**

   A) **Job lengths are estimated** for efficient planning of schedules and projects.

   B) Material/**equipment needs are recognized** and ordered **in advance.**

4) **Ensure that services, especially emergency repairs, are processed and completed as rapidly as possible.**

   A) Recognize jobs that require only VDTS changes for rapid VDTS action.

   B) Be able to prioritize tasks.

   C) Be able to automatically notify contractors of pending jobs.

   D) Jobs that do not require due date scheduling by-pass scheduling module.

5) **Ensure that Recipients of Installed products and services receive proper documentation and training in their use.**

   A) Documentation is listed as a material for the job.

   B) There is an effective feedback system from customers.

6) **Ensure that billing information is:**

A) **transmitted automatically,**
B) **properly identified** for ease of audit and accurate distribution of cost types
C) verified as **correct** to prevent accounting problems.

7) **Ensure that system information is secure, accurate, and easily obtainable (by DOE, Contractor and other service providers as permitted) to see status of orders, to obtain existing information necessary to work service orders (existing cabling, etc.), and to obtain reports on Telecommunications functions (toll call usage, trunk traffic, etc.) for DOE requirements, system analysis, and future planning needs.**

A) Uniquely identify service orders and station numbers.
B) Be able to switch rapidly from screen to screen to easily pull up information.
C) Data Validation
D) Ease of sorting information by any range or field(s) specified.
E) Obtain and export related database information needs triggered by a Service Order (Ex.: Directory Changes)
F) Graphical views of **trends and performance to help predict growth areas.**
G) Obtain reports on the simulated **effect of proposed system changes.**

8) **Minimize order entry labor time by:**

A) having the TMS group and automatically "pop up"
- repetitive information common to similar jobs, and
- information already stored and retrievable elsewhere.

B). having the TMS automatically record log on I.D.s, times, dates, etc.
C) allow direct key-in of orders by intermediate Order Takers (Division Coordinators).
D) TMS automatic notification of contacts of technician scheduled due date and of service providers of pending jobs.

9) **The system is capable of reacting quickly and efficiently to changes** in order parameters (equipment failing to arrive within lead times, customers requesting re-scheduling due dates, etc.)

APPENDIX TMS-8

TRAINING REQUIREMENTS

TRAINING REQUIREMENTS

DESCRIPTION OF TRAINING

Description of Training	# of People
Level 1 - Basic Training	
Requirement Deleted.	
Level 2 - Train the Trainer	5
This shall include all information provided in Level 1 Training plus all additional training requirements needed to provide other DOE employees Level 1 Training.	
Level 3 - Full Functionality	
Requirement Deleted.	

DE-AC05-94OR21965

ATTACHMENT C

STATEMENT OF WORK

(Supplement)

MARCH 10, 1994

TABLE OF CONTENTS

1.0 SCOPE 1

2.0 CODE COMPLIANCE 2

3.0 SERVICES 2
- 3.1 Relocation, Installation, Modification, and Disconnection (RIMD) 2
  - 3.1.1 Scope 2
  - 3.1.2 Specifications 3
  - 3.1.3 Equipment Covered by RIMD 3
  - 3.1.4 Reserved 4
- 3.2 Maintenance 4
  - 3.2.1 Scope 4
  - 3.2.2 Specifications 4
  - 3.2.3 Additional Maintenance Responsibilities 4
  - 3.2.4 Equipment Operation Training 5
- 3.3 Building Distribution Facilities 5
  - 3.3.1 Cables 5
  - 3.3.2 Installation of Cable to Terminal 5
  - 3.3.3 Terminals 5
  - 3.3.4 Intra-plant and Inter-plant Site Cabling 5
  - 3.3.5 Other Transmission Media 6
  - 3.3.6 New Standard Wiring Plan Installations 6
  - 3.3.7 Fiber Optic Installations 6
- 3.4 Inspection of Equipment and Services 6
  - 3.4.1 Definitions 6
  - 3.4.2 Inspection by the Contractor 6
  - 3.4.3 Inspection by the Company 7
  - 3.4.4 Right to Require Rework 7
- 3.5 Testing 7
- 3.6 Drawings, Design Consultation, and Scheduling Services 7
- 3.7 Missing Equipment 8
- 3.8 Unused Equipment 8
  - 3.8.1 Disconnected Equipment 8
  - 3.8.2 Refurbish Equipment 8
- 3.9 Console Attendant Services 8
  - 3.9.1 Reserved 8
  - 3.9.2 Reserved 8
  - 3.9.3 Reserved 8
  - 3.9.4 Work Location 9

4.0 EQUIPMENT 9
- 4.1 Telephone Equipment Storage 9
- 4.2 Equipment Provided by the Contractor 9
- 4.3 Equipment Types 9
  - 4.3.1 Telephone Instruments 9
  - 4.3.2 1A2 Key Telephone Systems 10
  - 4.3.3 Electronic Key Telephone Systems 10
  - 4.3.4 Public Address Systems 11
  - 4.3.5 Ancillary, Miscellaneous Equipment, Services, and Systems 11

5.0 FACILITIES 12

6.0 PROCEDURE 12
6.1 Placement of Orders 12
6.2 Maintenance of Records 13

7.0 OTHER CONTRACTOR OBLIGATIONS AND RESPONSIBILITIES 13
7.1 Federal Emergency Support 13
7.2 Use of Premises 14
7.3 Strike Clause 14
7.4 Environmental, Health, and Safety 14
7.5 Training Requirements 14

8.0 APPENDIX 15

APPENDIX 1 Documentation
APPENDIX 2 Government-Owned Public Address System Equipment
APPENDIX 3 Requirement Deleted
APPENDIX 4 AT&T System 75 PBX
APPENDIX 5 Standard Building Wiring Plan
Engineering Standards ES-1.13-1
Unclassified Communications Building Wiring Plan
APPENDIX 6 System Overview
APPENDIX 7 Contractors, Agencies, Organizations, and Companies Obtaining Service from OORTS
APPENDIX 8 RIMD M/R Hours and Jobs Worked - Calendar Year 1993
APPENDIX 9 Maintenance and Repair Request Activity
APPENDIX 10 Telephone Stations, Circuits, and Other Equipment, Requiring Emergency Service Restoration
APPENDIX 11 Telecommunications Work Request Form
APPENDIX 12 Maintenance/Repair Form
APPENDIX 13 Health Physics Tags/Stickers

ACRONYMS AND ABBREVIATIONS

AT&T	American Telephone and Telegraph
BOC	Bell Operating Company
C&TS	Computing and Telecommunications Services
CMS	Crisis Management Situation
DP	Dial Pulse
DTMF	Dual Tone Multi-Frequency
EOC	Emergency Operating Center
ESSX	Electronic Switching System Exchange
FEMA	Federal Emergency Management Administration
FTS	Federal Telecommunications System
FX	Foreign Exchange
LEC	Local Exchange Company
NCS	National Communications System
OORTS	Official Oak Ridge Telephone System
ORNL	Oak Ridge National Laboratory
ORF-ICN	Oak Ridge Federal-Integrated Communications Network
PA	Public Address
PBX	Private Branch Exchange
RIMD	Relocation, Installation, Modification, and Disconnection
RIMD M/R	Relocation, Installation, Modification, Disconnection, Maintenance, and Repair
SCB	South Central Bell
SSN	System Select Network
STU	Secure Telephone Unit
TMS	Telecommunications Management System
TNSD	Telephone Network Services Department
TWR	Telecommunications Work Request
USOC	Uniform Service Order Code

STATEMENT OF WORK

1.0 SCOPE

This specification provides requirements for relocation, installation, modification, disconnection, maintenance, and repair (RIMD M/R) activities on the existing telephone system for the interim period between award and acceptance of the Oak Ridge Federal Integrated Communications Network (ORF-ICN). The Contractor shall provide telecommunications services for the RIMD M/R of terminal and ancillary equipment as specified in Appendices 2-4 of this document and Appendices 2 and 8 of Specification Y/EN-2351. Service shall be provided for all changes in equipment quantities that occur during the procurement process as well as during the duration of the contract. Martin Marietta Energy Systems, Inc., hereafter referred to as the Company, administers and manages the Official Oak Ridge Telephone System (OORTS). An overview of the OORTS is presented in Appendix 6. A list of firms under contract with DOE using the OORTS is included as Appendix 7. The Contractor shall provide the training needs required by the Contractor's personnel to meet all applicable Local, State, National, and Government Environmental, Health and Safety guidelines. Training requirements that are unique to the Company will be provided to the Contractor's personnel at no expense to the Contractor. Included within the scope of services required is Attendant Console coverage for DOE. The Company shall provide any specialized equipment necessary for the proper installation of the ES1-1.13 Wiring Standard. The Contractor shall provide all other basic tools and equipment required to complete the RIMD M/R activities.

The equipment and services involve, but are not limited to, the following basic telecommunications categories:

(a) Terminal equipment items such as telephone instruments, 1A2 and electronic key system stations, Merlins, speakerphones, line status indicators, call directories, modems, and local paging and public address systems (see Appendix 2). Equipment that has been registered with the Federal Communications Commission (FCC) for direct connection to the long distance message network.

(b) Ancillary equipment consisting of external bells, buzzers, buttons, horns, amplifiers, speakers, handset cords, mounting cords, etc.

(c) Requirement Deleted.

(d) Building distribution facilities--cable wiring from a serving distribution terminal or other demarcation point to a modular connecting block.

(e) One AT&T System 75 digital PBX, described in Appendix 4, and one AT&T system 75 PBX which functions primarily as an intercom system. This shall include all associated ancillary equipment including a voice tape recorder, access to two public address systems, and two attendant consoles.

(f) Standard Building Wiring Plan for unclassified voice and data services adopted by the Company for new buildings and in remodeling existing buildings (see Appendix 5).

(h) RIMD of the aforementioned equipment.

(i) Maintenance and repair of the aforementioned equipment and systems.

(g) Requirement Deleted.

A single point of contact by the Company has been established, hereafter referred to as the Telephone Network Services Department (TNSD). All service order activity shall be coordinated through this department unless otherwise directed by DOE.

Refer to Y/EN-2351 (Section 5.3) for the security requirements addressing work on the DOE sites.

2.0 CODE COMPLIANCE

All appropriate national consensus standards, building codes, federal and state government regulations and standards, and local codes and regulations shall be complied with. All work shall conform to accepted telephone installation and repair practices and specific practices of the manufacturers of the equipment and materials used.

Additional applicable references are listed in Appendix 1 of this document.

3.0 SERVICES

All RIMD M/R work shall be presented to or entered by the Contractor on a Telecommunications Work Request (TWR). A single TWR for RIMD work may consist of, but is not limited to, one of the following activities: relocating, installing, modifying, or disconnecting a single telephone number requiring a premise visit. A M/R TWR may consist of maintenance/repair resulting from a single problem requiring a premise visit to restore user's services. The Contractor shall complete the work requested on the TWR and provide to the Company detailed monthly information on each TWR worked based on the TWR number. Service orders for large jobs will be broken down into multiple orders where possible in order to provide the Contractor the capability to complete the work in stages. Due dates for expedited orders will be handled on a per job basis. All TWRs for RIMD M/R will be provided to the Contractor by the quickest means possible in order to meet the time frames of service defined in this document.

3.1 Relocation, Installation, Modification, and Disconnection (RIMD)

3.1.1 Scope

RIMD service shall be provided for all items identified in Appendices 2 - 4 of this document and Appendices 2 and 8 of Specification Y/EN-2351. The Contractor shall provide material items such as straps, staples, screws, and other incidental hardware. Appendix 8, RIMD TWR Activity, provides information of past activity.

The Contractor shall clean and remove all scrap wire, discarded wire casings, solder droppings, equipment boxes, wrappers, etc., from all working environments--inside and outside areas. Work performed in communications closets, main and satellite communications rooms, demarcation block connecting locations, office areas, and outside work areas shall be performed in a neat and orderly fashion to facilitate reentry and repair.

3.1.2 Specifications

(a) RIMD services shall be provided for all materials noted in Section 3.1.3 as necessary to install or restore equipment to service as indicated by individual TWRs. The work force shall be adequately staffed to support the level of work detailed in Appendix 8. Appendix 8 reflects Calendar Year 1993 work performed, but does not represent either a minimum or maximum level of work.

(b) Disconnection includes all labor and materials necessary to accomplish station instrument and ancillary equipment removal, including instrument cabling when requested.

(c) The Company's normal business hours are 8:00 a.m. to 5:00 p.m. Monday through Friday excluding holidays observed by the DOE/Company. It is expected that the Contractor will perform RIMD activities during normal work hours. The Contractor shall also provide RIMD coverage from 6:00 a.m. to 10:00 p.m. Sunday through Saturday, without incurring overtime, provided DOE notifies the Contractor by Thursday of the preceding week.

RIMD service may be performed outside the Company's normal business hours for the Contractor's convenience without additional charge. However, all work outside the Company's normal business hours shall be approved by DOE/Company in advance.

If the Contractor experiences temporary shortages of manpower, DOE shall be provided straight time hours equivalent to a full workforce complement. DOE shall not be required to request overtime rate service to maintain schedules that a full complement of manpower would otherwise be able to maintain.

(d) The Contractor shall perform only the work designated by the TWR unless changes are coordinated and agreed to by the Company; changes in the field without concurrence of the Company shall not be allowed.

(e) The Contractor shall perform RIMD in a manner to minimize completion time of each TWR. Due dates will be assigned at the time the Contractor receives the TWR. Generally, TWRs shall be completed within three days based on the monthly average of TWRs performed that month. No TWR shall require more than five days to complete without prior DOE/Company approval. Expedited TWRs may be requested and shall be completed within the due date requested.

(f) If the Contractor is required to correct or rework any service or replace any equipment, these corrections shall be given priority status. The Company shall notify the Contractor of any service order deficiency or non-conformance.

3.1.3 Equipment Covered by RIMD

(a) The equipment covered by RIMD is contained in Appendices 2 - 4 of this document and Appendices 2 and 8 of Specification Y/EN-2351. Equipment listed is only representative of the equipment to be covered. Actual equipment and quantities will vary during the term of the contract. The Contractor shall provide straps, staples, screws, and other incidental hardware material necessary to perform RIMD. Appendix 8 illustrates past work activity.

(b) The Contractor shall place a permanent identification label, approved by the Company, on all equipment that is installed, relocated, or modified. The marking device will serve to identify the equipment as U.S. Government Property. Telephone instruction templates and/or Emergency 911 stickers furnished by the Company shall be affixed by the Contractor when requested by the Company.

3.1.4 Reserved

3.2 Maintenance

3.2.1 Scope

The equipment covered by maintenance is contained in Appendices 2 - 4 of this document and Appendices 2 and 8 of Specification Y/EN-2351. Equipment listed is only representative of the equipment to be covered. Actual equipment and quantities will vary during the term of the contract. The Contractor shall provide straps, staples, screws, and other incidental hardware material necessary to perform maintenance. Appendix 9 illustrates past work activity.

To expedite emergency response and minimize the material supply logistics effort, each Contractor's vehicle will be supplied with additional materials such as basic equipment, cable, and materials.

3.2.2 Specifications

(a) Maintenance service shall include fault identification and repair of all systems and components on the OORTS. This operation shall include repair or replacement of all materials, parts, major and minor components necessary to restore the level of service. Equipment damaged beyond normal depot repair shall be identified by the Contractor and stored at the Contractor's work location for disposal and/or return for repair to the manufacturer. Replacement of malfunctioning equipment will be covered using the original TWR issued for the Maintenance or Repair job.

(b) After receiving oral or written notification of a maintenance requirement, the Contractor's personnel shall arrive at the designated location within four working hours unless expedited by DOE/Company. Equipment and/or service shall be worked on until repair is completed. The Company shall be notified if these requests start to impact normal RIMD scheduled due dates. The Company will advise the Contractor how to proceed under these circumstances. Equipment requiring two hours emergency service restoration is listed in Appendix 10.

3.2.3 Additional Maintenance Responsibilities

(a) The Contractor will make a best judgment on the cause of each equipment outage or problem (IXC/SCB line, FTS2000, etc.). If the problem is FTS2000, the Contractor shall inform the Company, who will be responsible for notifying AT&T. If the Contractor determines that the malfunction is on the South Central Bell (SCB) Telephone Company side of the demarcation point, the Contractor shall inform the Company, who will be responsible for notifying SCB, if appropriate, and ensuring that the problem is corrected.

(b) A call-out list of Contractor personnel shall be provided to the Company for maintenance or repair calls outside the standard working hours if the repair number is not attended 24 hours, 7 days a week. One of the Contractor's personnel on the provided 24 hour list must be available at all times.

3.2.4 Equipment Operation Training

The Contractor shall provide trained personnel as prescribed by the equipment manufacturer to assure existing or new equipment can be maintained and repaired.

3.3 Building Distribution Facilities

3.3.1 Cables

Cable and station wiring necessary to complete a system or service will be provided by the Company as required by the individual TWR. Included in the provision of cabling shall be all associated labor to accomplish the surface mounting of such cable or the pulling or laying of such cable in ducts, conduits, raceways, or plenums. Cable or wiring from building terminals to station apparatus will be completed by the Contractor. All references to cable mean Company provided interior cable and not network distribution cable. To expedite service order work, each Contractor's vehicle will be supplied with additional materials such as basic equipment, cable, and materials.

3.3.2 Installation of Cable to Terminal

The installation of cable to terminals shall include terminating of each cable pair at one end and performing a continuity check.

3.3.3 Terminals

As required by individual TWRs, terminals, backboards, connectors, etc., shall be installed by the Contractor in the telephone closet, communications room, or other suitable demarcation location.

3.3.4 Intra-plant and Inter-plant Site Cabling

Outside construction work such as inter- and intra-site cabling, installing rigid conduit, and pole setting on the OORTS is the responsibility of the Company and SCB. The Company will plan, arrange, and coordinate this work.

3.3.5 Other Transmission Media

At the direction of the Company, the Contractor may be required to install building-to-building cable, public address system cable, special shielded cable, non-rigid conduit within buildings, or other communications transmission media. Installation of this type will be presented to the Contractor on a special TWR with a projected due date. DOE/Company approval shall be obtained for work that cannot be completed by the due date requested.

3.3.6 New Standard Wiring Plan Installations

New buildings and building renovations require a large number of cable installations from the individual stations to the communications rooms. This is described in the DOE Standard Wiring Plan for voice and data systems. These special cable pulls are limited to pulling the cable and do not include termination requirements. Wire pulls will be presented to the Contractor on a special TWR with a projected due date. DOE/Company approval shall be obtained for work that cannot be completed by the due date requested.

3.3.7 Fiber Optic Installations

The fiber optic installation service requires that the Contractor install fiber pulls within the plant sites as requested by the Company. All installations will be overhead pulls or through existing conduit. Each installation will require a Company approved design and estimate from the Contractor. Estimated number of jobs will be 8 per year with an average footage of 750 feet for each job. The fiber optic cable must be supplied by the Contractor with all necessary connectors and terminations. The cable used shall be in accordance with requirements of specification Y/EN-2351 and specified for outside use. Installations of fiber optic cable will be presented to the Contractor on a special TWR with a projected due date. Each installation must be completed by the date requested by the Company. Deviations from this date must be approved by DOE/Company.

3.4 Inspection of Equipment and Services

3.4.1 Definitions

(a) "Equipment" as used in this section includes, but is not limited to, the instruments, equipment, and miscellaneous items listed in Appendices 2-4 of this document and Appendices 2 and 8 of Specification Y/EN-2351 and any additional items offered by the Contractor.

(b) "Services" as used in this section includes services performed, workmanship, and material furnished or used in the performance of services.

3.4.2 Inspection by the Contractor

The Contractor shall perform all inspections and tests necessary to substantiate that the equipment and services furnished under this contract conform to contract requirements, including any applicable technical requirements for specified manufacturer's parts. Testing shall be done as required in Section 3.5.

3.4.3 Inspection by the Company

The Company has the right to inspect and test all equipment and services supplied. The Company will perform inspections and tests in a manner that will not unduly delay the work.

3.4.4 Right to Require Rework

If any equipment furnished or service performed does not conform to the requirements of this contract or to the individual TWR, the Company may require replacement of the equipment or rework of service outside of the Company's normal business hours at no additional cost to the DOE.

3.5 Testing

The Contractor shall test all equipment furnished under this contract and/or installed by the Contractor. Testing shall be accomplished as follows:

(a) Miscellaneous equipment shall be tested as prescribed by the manufacturer.

(b) Instruments ordered and installed that are not listed in Section 3.1.2 (a) shall be tested as prescribed by the manufacturer and by approved field testing practices. Existing instruments relocated or modified shall be tested in the same manner. All cable installations, including fiber optic, must be tested and certified as operational by the Contractor.

(c) Instruments and ancillary equipment reissued and installed as listed in Appendices 2 - 4 of this document and Appendices 2 and 8 of Specification Y/EN-2351 shall be included in the performance tests. In addition, such instruments and ancillary equipment shall be tested as prescribed by the manufacturer if appropriate.

3.6 Drawings, Design Consultation, and Scheduling Services

The Company requires one copy of the manufacturer's technical documentation (pamphlets, booklets, technical specification, schematic drawings, and operator's manuals) for all system equipment installed as part of the RIMD M/R provided services. Copies of drawings and sketches used or produced in the performance of RIMD M/R services for system components including but not limited to telephone layouts, key systems, and public address systems, shall also be provided to the Company. These would include informal technician and/or supervisor notes.

The Company may request consultation from the Contractor which could require field visits. The purpose of such consultation would be to determine the equipment, supplies, materials, services, and estimated costs associated with a specific job which may result in a TWR being issued. The Contractor's employee responsible for this service shall be at least equal to the position of installer/repairman's supervisor or an appointed substitute person in the Contractor's organization mutually agreed on by the Company and the Contractor's supervisor.

The Contractor shall meet with DOE/Company at least twice a month for status and other reporting.

3.7 Missing Equipment

When the Contractor responds to a service request and discovers that equipment is missing, the Contractor shall notify the Company. The Company will inform the appropriate site security departments or the responsible telecommunications administrator or other organizations. The Company shall inform Energy Systems and DOE of missing government-owned equipment as required. The Contractor will use the open TWR and replace or restore service and equipment to its original status.

3.8 Unused Equipment

3.8.1 Disconnected Equipment

The Contractor shall maintain a log of all disconnected and/or damaged Government-owned equipment. This equipment shall be repaired when economically justified and placed back in service or returned to stock. Government-owned equipment that needs special attention or that is to be returned to the manufacturer for repair will be so identified by the Contractor to the Company.

3.8.2 Refurbish Equipment

The Company requires that the Contractor clean and refurbish equipment removed during the performance of RIMD M/R services. This equipment is to be tested by the RIMD work force before it is refurbished. Examples of the units to be refurbished include telephone sets, Merlins, modems, multiplexors, backboards for key systems and miscellaneous hardware from key systems. Examples of quantities of the equipment are listed below:

Telephone sets, Merlins	150 per month
Modems/Multiplexors	10 per month
400 KTU KLD	30 per month
LSI, LSO, LSS	11 per month
Miscellaneous Hardware	100 per month

3.9 Console Attendant Services

Provide a plan at award subject to the Government's approval for assuming responsibility for the Attendant Console function including staffing, personnel, administration, and operations as required in Y/EN-2351 Appendix 10.

3.9.1 Reserved.

3.9.2 Reserved.

3.9.3 Reserved.

3.9.4 Work Location

The Console Attendants will be located within the confines of the K-25 Plant. The location is within a Property Protection Area which permits unescorted access of uncleared personnel. Lunchroom and restroom facilities will be provided for Contractor's personnel at this location.

4.0 EQUIPMENT

4.1 Telephone Equipment Storage

Telephone equipment that the Contractor will use for RIMD M/R will be located at K-25 Site.

4.2 Equipment Provided by the Contractor

The Contractor shall provide all necessary standard tools and equipment such as vehicles, bucket trucks, cable pullers, digging equipment, ladders, etc., to satisfy RIMD M/R services. The Contractor shall provide qualified operators for these tools and equipment.

4.3 Equipment Types

4.3.1 Telephone Instruments

4.3.1.1 Instruments Provided

Telephone instruments either exist in the styles and sizes stated in Appendices 2 - 4 of this document and Appendices 2 and 8 of Specification Y/EN-2351 or will be provided by the Company as ordered by the individual TWR. Each telephone instrument shall be provided with a minimum 10-foot base cord equipped with a connector. All industry standard single-line instruments shall be fully modular. All other instruments shall be as fully modular as are available from the manufacturer. All new telephone instrument receivers shall be hearing-aid compatible.

4.3.1.2 Installation with Existing Cable

Installation with existing cable shall include the installer setting the telephone instrument in place, connecting the basecord to an existing block, terminating wire pairs to appropriate pins in the building distribution terminal or demarcation as necessary, and testing. All testing shall be according to manufacturer guidelines and according to approved field testing practices. All data and voice circuits shall be labeled by the Contractor in the user facility and in the distribution terminal and/or communications room with a unique number. A log book for all building distribution terminals and/or communications rooms shall be created by the Contractor and kept current. Reference Y/EN-2351 Section 3.3.12.9 for requirements concerning log books.

4.3.1.3 Installation Providing New Cable

Installation with new cable shall include: the installer setting the telephone instrument in place; the provision, placement, and connection of housewire at the serving building distribution terminal or demarcation block; and testing. All testing shall be according to manufacturer guidelines and according to approved field testing practices. All data and voice circuits shall be labeled by the Contractor in the user facility and in the distribution terminal and/or communications room with a unique number. A log book for all building distribution terminals and/or communications rooms shall be kept current. Reference Y/EN-2351 Section 3.3.12.9 for requirements concerning log books.

4.3.2 1A2 Key Telephone Systems

4.3.2.1 Systems Provided

1A2 Key systems exist in the configurations stated in Appendices 2 and 8 of Specification Y/EN-2351 or will be provided by the Company as ordered by the individual TWR for stipulated locations in each service request. All 1A2 key systems shall conform to industry standards with features such as wink hold, line illumination, ringing line indication, etc., and shall include all components, parts, and materials necessary to make a complete operating system including installation, instruments, and instrument cabling. 1A2 Key systems shall be provided with any cabinet arrangement suited to the number of lines and the installation environment. All 1A2 key systems shall be protected from surge electric currents.

4.3.2.2 Installation

Installation shall include all labor and incidental parts and materials necessary to make the system operational, including Company-furnished instruments and instrument cabling. Installation shall include the termination of the line circuits from the serving building terminal or demarcation to the equipment location and testing.

4.3.3 Electronic Key Telephone Systems

4.3.3.1 Systems Provided

Electronic key systems exist as indicated in Appendices 2 and 8 of Specification Y/EN-2351 or shall be provided by the Company as ordered by individual TWRs to the locations stipulated in service requests. All electronic key systems shall provide the following:

- Automatic Privacy
- Call Hold
- Dial Select Intercom
- Discriminating Ringing
- Dualtone Multi Frequency (DTMF)--Touchtone or Dial Pulse (DP) Signaling - Rotary
- Flexible Station Controlled Conference
- Multiple Trunk Groups Capability
- Outgoing Call Restriction by Station

Electronic key systems shall include all components, parts, and materials necessary to make a complete operating system including Company-furnished instruments and instrument cabling.

Systems will be provided with any cabinet arrangement suited to the number of lines and the installation environment. All systems shall be protected from surge electric currents.

4.3.3.2 Installation

Installation shall include all labor and incidental telephone parts and materials necessary to make the electronic key system operational, including Company-furnished instruments and instrument cabling. Installation shall include the termination of the line circuits from the serving building terminal or demarcation to the equipment location and testing.

4.3.4 Public Address Systems

4.3.4.1 Systems Provided

Public address systems exist in the configuration stated in Appendix 2 or shall be provided by the Company as ordered by the individual TWRs to the locations stipulated in service requests. All systems will conform to industry standards with cross connection provided to properly interface with SCB facilities and/or government equipment and to the building distribution facilities network.

4.3.4.2 Installation

Installation shall include all labor and incidental parts and materials necessary to make the system operational including Company-furnished instruments and instrument cabling. Installation shall include the termination of the line circuits from the serving building terminal or demarcation to the equipment location and testing.

4.3.5 Ancillary, Miscellaneous Equipment, Services, and Systems

Ancillary, miscellaneous equipment, services, and systems as described in Appendices 2 - 4 of this document and Appendices 2 and 8 of Specification Y/EN-2351 or shall be provided by the Company as ordered by individual TWRs to the locations stipulated in service requests.

Installation shall include all labor and incidental parts and materials necessary to accomplish installation and make the equipment operational. Testing shall be included in the installation.

4.3.5.1 Merlins

Provide installation, maintenance, and configuration of the base unit for user services (including templates) for Merlin systems. Also, documentation and configuration information shall be kept. See Appendix 8 of this specification for information regarding programming changes on Merlin base units and Appendix 2B of Y/EN-2351 for list of Merlin systems installed.

4.3.5.2 AT&T System 75 PBX

See Appendix 4.

4.3.5.3 Standard Building Wiring Plan

See Appendix 5.

5.0 FACILITIES

Any site preparation required for proper equipment operation such as commercial power, grounding, conduits except as stated in Section 3.3.5, or environmental requirements will be provided by the Company. Reference Appendices 6 and 7 for system overview and contractors, agencies, organizations, and companies.

6.0 PROCEDURE

6.1 Placement of Orders

6.1.1 The Company shall place all RIMD TWRs and service requests directly with the Contractor for any equipment and services to be furnished under this contract.

6.1.2 All TWRs and service requests are subject to the terms and conditions of this contract. In the event of conflict between a service request and this contract, the contract shall control.

6.1.3 An RIMD TWR or service request is considered delivered when the Company issues the order to the Contractor.

6.1.4 RIMD TWRs will be supplied to the Contractor as received by the Company. Copies will be available to the Contractor electronically to aid scheduling.

6.1.5 TWRs will be computerized and the Contractor will be required to date and initial an electronic copy of each TWR upon completion. A trouble code (a list of codes will be provided to the Contractor by the Company) shall be entered on all orders that experienced any difficulty in completion.

6.1.6 The Contractor will include cable and termination identifications on the completed TWR after work is performed under the Standard Building Wiring Plan Procedure (see Appendix 5).

6.1.7 The Company will provide any available information that will assist the Contractor to complete the order.

6.1.8 The Console Attendants will be the customer interface for most M/R requests and will enter the TWR information into the system. The Company will be the primary interface with the Contractor for tracking repair requests. The K-25, the Y-12 Plant, or the X-10 Shift Superintendent offices, the DOE Emergency Operations Center, or Security personnel may report emergency situations or outages directly to the Contractor for required corrective action.

The Contractor shall report using a TWR when a maintenance or repair request has been completed and service restored to normal. Hourly status reports shall be provided by the Contractor to the Company for major outages, extended trouble and problem repair, or longer than normal service restoration.

6.2 Maintenance of Records

6.2.1 The Contractor will maintain database records and information of all services performed for access by DOE/Company. This database shall include inventories, cost data, location information, maintenance data, and equipment configurations generated by service order activity. Records or information furnished by other communications vendors used by the Company, will be available for the Contractor's use.

6.2.2 The Contractor will furnish DOE/Company a breakdown of each technician's time for both RIMD and M/R service on a monthly basis, including regular and overtime hours. Reports shall include status of open TWRs and summary of TWRs completed during the month including number of RIMD jobs, M/R jobs, pulls, and refurbishment and any overtime associated with each category.

6.2.3 DOE/Company shall review the Contractor's performance bi-monthly. Performance will be judged by considering factors which could include, but not be limited to, neatness, consistency, adherence to standards and procedures, billing accuracy, billing timeliness, response time and average time per job.

6.2.4 The Contractor is responsible to keep all records and reports that are internal to the Contractor's own organization and those that are now, or may hereafter, be necessary to comply with all rules, regulations, and laws associated with conducting a business enterprise.

7.0 OTHER CONTRACTOR OBLIGATIONS AND RESPONSIBILITIES

7.1 Federal Emergency Support

The Contractor may be called upon to provide communications support to the Federal Emergency Management Administration (FEMA) or other Government agencies in Presidentially declared emergency and disaster operations. The designated Federal Emergency Communications Coordinator will establish liaison with the Contractor and will develop procedures for use of communications resources prior to, during, and following an emergency or disaster. In the event the Contractor cannot provide the required service within the time specified (usually 24 hours), the Federal Emergency Communication Coordinator will obtain the required service from other available sources without penalty under the clauses of this document. This paragraph is solely to inform the Contractor that in Presidentially declared emergencies and disasters, the implementation of the National Communications System (NCS) Plan for communications support in emergencies and disasters may affect their communications support requirements. It is not a desire or requirement for contingency stockage of equipment or components.

7.2 Use of Premises

If the Company or other organizations' premises are occupied, the Contractor and employees shall comply with the regulations governing access to, operation of, and conduct while in or on the premises, and shall perform the work required under this contract in such a manner as not to unreasonably interrupt or interfere with the conduct of official business.

Any requests received by the Contractor from occupants of existing buildings to change the sequence of work shall be referred to the Company for determination.

The Contractor and employees shall not have access to or be admitted to any building outside the scope of this contract except with official permission.

7.3 Strike Clause

The Contractor shall perform all work and services without regard to any strike situation existing or that may hereafter be held against the Company or other organizations being served by the OORTS unless prior contractual agreements exist between the Contractor and its work force.

7.4 Environmental, Safety, and Health

There exists within the Energy Systems Plant locations areas of limited access due to Environmental, Safety or Health restrictions (Examples of health physics tags and stickers are shown in Appendix 13). These areas require special training in order to gain entrance and may require special tools and/or special dress requirements to perform the RIMD M/R work in these areas. These areas will be clearly marked and may require special access clearances.
Refer to Y/EN-2351 (Section 5.1.4) for the requirements addressing work in asbestos contaminated areas and Y/EN-2351 (Section 5.1.5) for the work requirements in radioactive contaminated areas.

7.5 Training Requirements

The Contractor shall provide the training needs required by the Contractor's personnel to meet all Local, State, National, and Government Environmental, Health and Safety guidelines. General training requirements and requirements for working in controlled access areas are described in applicable sub-sections of Y/EN-2351 Section 5.0.

Training requirements for new equipment procured by the Company for Company use shall be provided at no expense to the Contractor. New equipment shall include any telecommunications equipment that is not currently in use at the Company sites. Training requirements for changes in the Company's Standard Wiring Plan shall be provided to the Contractor by the Company.

APPENDIX 1

DOCUMENTATION

APPENDIX 1

Documentation

Special USOC Summary Listing	Appendix 8 of Y/EN-2351
Government-Owned 1A2 Western Electric and Merlin Key System Equipment	Appendix 2 of Y/EN-2351

K-25, X-10, Y-12 and the City of Oak Ridge Maps

APPENDIX 2

GOVERNMENT-OWNED PUBLIC ADDRESS SYSTEM EQUIPMENT

AREA WIDE

USOC	QUANTITY	D E S C R I P T I O N
105C	3	17B RELAY FOR PA
17B	4	17B RELY FOR OVRRIDE
17BREL	5	SAME PREM,DIFF BLDG
1L3AQNR	15	SAME BLDG
1LPJBNR	2	SAME PREM,DIFF BLDG
1LPJYNR	31	PAGING EQ LOW PWR AM
238	2	PAGING EQ HI PWR AMP
239	42	PBX LOUDSPEAKER STA
23F	17	PVT LINE 2000 SERIES
2SE	80	7 FT, 4 COND CORD
4MCRD7	1	35 WATT AMPLICENTER
5322A	2	PAGING EXP ATMOS SET
55Y	1	PAGING EQ HORN SPK
59X	23	PAGING EQ SPK HORN
59Z	109	PAGING EQ SPK HORN
66G	165	PAGING EQPT
66GAB	448	PAGING EQ CONE SPKR
66GAC	245	6FT SPRGCORD BEIGE
6SCEA	2	X10 LSS PA CONTROL
888-14	15	PAGING EQ SPK HORN
99Q	86	PAGING EQ HORN SPKR
99R	28	PAGING EQ SPK WTRPF
99S	2	PAGING EQ SIG GEN
99W	1	PAGING OVERRIDE
9FV	15	AMPLIFIER MED POWER
AM2	5	SIG APP OUTDOOR HORN
BBU	1	8 INCH ROUND BAFFLE
BFFLRND	32	8 IN. SQUARE SPEAKER
BFFLSOR	1	SQUARE BAFFLE
BFFLSQR	28	BUSY LAMP CNTRL UNIT
BYC	1	SIG APP INDOOR HORN
BYU	1	2 POSITION SWITCH
CFF2	15	INSTALLED CIRCUIT
CIRCUIT	19	SPEAKER DRIVER
DRVER30	21	SCB CKT TO 4500-N
GL83118	11	CKT TO 4500-N BSMNT
GS83590	15	SCB CKT TO 4500-N
GS89256	11	CONFIDENCER
HCF	26	CONFIDENCER BLACK
HCFBX	2	HANDSET BEIGE
HNDSTEA	2	BOGEN 250W AMP
HTA250A	1	CALL DIR THREE MOD
KDS	2	TURN BTN DESK SET
KT2	1	WIRING PLAN 203 TYPE
KXZ	42	PAGING EQ LIM AMP
LA6	3	PAGING EQ AMPLIFIER
LA7	1	SIG LAMP 15 TYPE
LP7	45	PAGING EQPT CUTOFF
MC6	1	LOCAL CHANNEL PYCU_
P2JUXNR	2	PAGING CONTROL CKT
PA00000	2	PAGEPAK 100W AMP
PAGEPK1	1	PAGEPK APPLIQUE CARD

USOC	QUANTITY	D E S C R I P T I O N
PAGEPKA	1	PGEPK MSTR ZONE CARD
PAGEPKM	1	PAGEPK ZONE CARD T1
PAGEPKZ	1	AMPLIFIER MUSIC CON
PF8	1	DATA PVT-2000 SER
PT2	55	CLASS OF SERVICE
PYCUL	5	CLASS OF SERVICE
PYKAL	15	PAGING EQPT
Q1C	8	PAGING EQPT
Q1D	1	MINI-MOD JACK BASEBD
RJ11C	38	MINI-MOD JACK WALL
RJ11W	8	BEIGE WALL TT
TELE2	1	BEIGE DESK TT
TELET	1	DEMARCATION BLOCK
TF10002	1	DEMARCATION BLOCK
TF10615	16	35 WATT AMPLIFIER
TPU35	2	WIRE
WIRE	1	TERM COILS
WZZ	22	SPEAKER LARGE TRUMP
ZZ2E7	20	AMPLIFIER HI PWR 100
ZZ2EO	3	SPK TYPE 4 LARGE HRN
ZZ2EP	4	SPK TP8 FLUSH-CEIL M
ZZ2EQ	212	SPK TYPE 13 WALL MT
ZZ2ER	318	SPEAKER
ZZ3EW	1	SMALL HORN SPEAKER
ZZ4E1	95	100 WATT AMPLIFIER
ZZ4E2	1	SPK TYPE 2 SMALL HRN
ZZ4E4	4	SPK TYPE 3 LARGE HRN
ZZ4E5	10	PAGING EQ HI LEV HRN
ZZ4E6	7	PAGING EQ WP HORN
ZZ4E7	6	SPK TP9 DECOR CEIL
ZZ4E9	76	PAGING EQ SPEAKER
ZZ4EA	37	PAGING EQ BI DI SPKR
ZZ4EB	30	PAGING
ZZ4EC	2	PAGING SPL TONE GEN
ZZE33	3	PAGING VOL CONTROL
ZZM94	18	PAGING EQ LDSPK TYCR
ZZM95	6	PAGING EQ LDSPK TYML
ZZM96	8	PAGING EQ LDSPK T1B8
ZZM97	9	PAGING COM EQPT
ZZN23	2	PAGING POW SUPPLY
ZZN24	4	PAGING AMPLIFIER
ZZN25	4	PAGING TEL LN INPUT
ZZN27	22	PAGING EQ PROG AMP
ZZN28	4	PAGING AMPLIFIER
ZZN29	11	PAGING TRANS JACK
ZZN31	19	PAGING SPKR UNIV MOD
ZZN32	34	PAGING SPKR JENSON
ZZN33	6	PAGING TRANSFORMER
ZZN34	6	PAGING SPKR DUKANE
ZZN35	14	PAGING TRANSFORMER
ZZN36	14	PAGING SPKR UNIV
ZZN37	6	PAGING DRIVER UNIT

AREA WIDE

USOC	QUANTITY	D E S C R I P T I O N
1L3AQNR	492	SAME PREM,DIFF BLDG
1LMEYNR	2	DATA MILEAGE
1LMFQNR	571	DATA MILEAGE
1LMFYNR	233	DATA MILEAGE
1LMJBNR	16	SAME PREM,DIFF BLDG
1LPJYNR	11	PBX LOUDSPEAKER STA
23F	1	PUSHBTN PAD 1
49A1	2	PAGING EXP ATMOS SET
55Y	2	PAGING EQ HORN SPK
59X	145	PAGING EQ SPK HORN
59Z	180	PAGING EQ SPK HORN
66G	216	PAGING EQPT
66GAB	62	PAGING EQ CONE SPKR
66GAC	21	6FT SPRGCORD BEIGE
6SCEA	1	PAGING EQ SPK HORN
99Q	454	PAGING EQ HORN SPKR
99R	254	PAGING OVERRIDE
9FV	57	8 INCH ROUND BAFFLE
BFFLRND	155	SQUARE BAFFLE
BFFLSQR	13	1-BTN PAD BRACKET
BRKT1	1	BUSY LAMP CNTRL UNIT
BYC	14	SIG APP INDOOR HORN
BYU	2	2 POSITION SWITCH
CFF2	2	INSTALLED CIRCUIT
CIRCUIT	43	SPEAKER DRIVER
DRVER30	51	CONFIDENCER
HCF	5	CONFIDENCER BLACK
HCFBX	1	HANDSET PUSH TO TALK
HCU	3	PAGING EQ ANNOUN PT
HHH	1	HANDSET BLACK
HNDSTBA	1	4 PRONG COND JCK
JK9	14	CALL DIRECTOR NONKEY
KDSNK	1	6 BUT SET W/LIGHTS
KTRNK	1	20 BUTTON TEL SET
KV2	1	PAGING EQ LIM AMP
LA6	17	AMPLIFIER MUSIC CON
PF8	6	DATA PVT-2000 SER
PT2	8	DATA PVT LINE
PT2E5	5	CLASS OF SERVICE
PYCML	1	CLASS OF SERVICE
PYCUL	37	CLASS OF SERVICE
PYKAL	40	CLASS OF SERVICE
PYKHL	1	PAGING EQPT
Q1C	30	MINI-MOD JACK BASEBD
RJ11C	65	MINI-MOD JACK WALL
RJ11W	1	JACK
RJ1DC	10	WOODGRAIN WALL SPKR
SPKRWL1	1	BLACK WALL TT
TELB2	1	BEIGE WALL TT
TELE2	1	WIRE
WIRE	1	PAGING SPEC SHLD CAB
ZZ199	23	PAGING EQ SPEC SHL C

AREA WIDE

USOC	QUANTITY	D E S C R I P T I O N
ZZ200	36	PAGING SPEC SHLD CAB
ZZ201	27	PAGING 30C CYCLE OS
ZZ208	1	SPEAKER LARGE TRUMP
ZZ2E7	27	AMPLIFIER HI PWR 100
ZZ2EO	97	SPK TYPE 4 LARGE HRN
ZZ2EP	2	SPK TP8 FLUSH-CEIL M
ZZ2EQ	121	SPK TYPE 13 WALL MT
ZZ2ER	337	SPEAKER
ZZ3EW	1	PAGING EQ AMPLIFIER
ZZ3EY	1	SMALL HORN SPEAKER
ZZ4E1	68	SPK TYPE 2 SMALL HRN
ZZ4E4	13	SPK TYPE 3 LARGE HRN
ZZ4E5	16	PAGING EQ HI LEV HRN
ZZ4E6	2	PAGING EQ WP HORN
ZZ4E7	44	SPK TP9 DECOR CEIL
ZZ4E9	170	PAGING EQ SPEAKER
ZZ4EA	4	PAGING EQ BI DI SPKR
ZZ4EB	1	COMN CONTROL BRIDG
ZZ6RC	1	PAGING ACCESS
ZZ6RD	17	PAGING VOL CONTROL

APPENDIX 3

REQUIREMENT DELETED

APPENDIX 4

AT&T SYSTEM 75 PBX

APPENDIX 4

AT&T SYSTEM 75 PBX

The Emergency Operations Center (EOC), PBX System is a voice telephone facility supporting emergency operations at the Federal Building in downtown Oak Ridge. It is an AT&T System 75 digital switch with associated ancillary equipment and a voice tape recorder. The system has access to two public address systems; one within the office complex, and the other for the building. There is access to an HF/VHF radio through a radio console. The system has two attendant consoles. The attendant consoles terminate eleven ring-down circuits, and FX circuits from the Knoxville switch for emergency backup. The switch interfaces with the Oak Ridge Centrex over two T-1 trunk groups and six single analog trunks.

The switch serves 32 voice positions with 7406 and 7410 type multi-button terminals and 7 STU III secure telephones. The terminals support a large package of modern features from the switch. The 7400 type terminals are served from the switch by AT&T's DCP protocol which carries two 64 Kbps slots and an out-of-band signalling channel in a digital multiplex. Voice is carried over one of 64 Kbps channels and data, if required, could be carried over the other. In its present configuration the switch services 10 voice-band data circuits from the office complex over analog lines to a switch modem pool. Fourteen designated positions are equipped for voice recording from analog terminal adjuncts wired to a voice recorder on the premises.

The PBX system is wired to a distribution frame of 110 terminal blocks in an equipment room in the office complex.

The EOC office complex also contains a group of data terminals which are connected to LANs and other computer equipment but these do not interface with the PBX system. A future network change could be made which would integrate the data terminal network with the digital capabilities of the PBX, but there is no definite plan at this time.

The Contractor shall be responsible for maintenance and repair of the PBX system and associated wiring to the distribution frame. The Contractor's responsibility does not include the radio circuits, which are maintained by the Company.

APPENDIX 5

STANDARD BUILDING WIRING PLAN

ENGINEERING STANDARD ES-1.13-1

UNCLASSIFIED COMMUNICATIONS BUILDING WIRING PLAN

TABLE OF CONTENTS
ENGINEERING STANDARD ES-1.13-1
UNCLASSIFIED COMMUNICATIONS
BUILDING WIRING PLAN

Page

ES-1.13-1 UNCLASSIFIED COMMUNICATIONS - BUILDING WIRING PLAN - GENERAL SECTION

1. INTRODUCTION AND SCOPE 1
2. PURPOSE 1
3. APPLICATION 1
4. UTILIZATION 1
5. APPLICABLE SPECIFICATIONS, STANDARDS, AND OTHER PUBLICATIONS 2
6. ACRONYMS 2
7. TERMINOLOGY 2

Subsection 1.0 DESIGN AND IMPLEMENTATION RESPONSIBILITIES

1. GENERAL 1
2. ENGINEERING 1
   A. Design 1
   B. Application 1
3. TELECOMMUNICATIONS 2
   A. Installation 2
   B. Application 3
   C. Estimating 3
   D. Cable Management 4

Subsection 2.0 BUILDING LAYOUT DESIGN REQUIREMENTS

1. GENERAL 1
2. MAIN AND SATELLITE COMMUNICATIONS ROOMS 1
   A. MCR and SCR Layout Design Rules Within Buildings 1
   B. MCR 1
   C. SCR 1
3. BUILDING RISER SYSTEMS 2

Page

Subsection 3.0 MAIN AND SATELLITE COMMUNICATION ROOMS DESIGN REQUIREMENTS

1. GENERAL 1
2. TELEPHONE SERVICE ENTRANCE 1
   A. Trunk 1
   B. Feeder 1
3. MCR AND SCR COMMUNICATION EQUIPMENT 1
   A. Main Distribution Frame (MDF) 1
   B. Intermediate Distribution Frame (IDF) 1
   C. Local Area Network (LAN) Cabinet 1
   D. Miscellaneous Voice and Data Equipment 2
   E. Twisted-Pair and Fiber-Optic Cable Terminations 2
   F. Cross-Connections 2
4. COMMUNICATION SERVICES 2
   A. Telephone Service to Communication Outlets . . 2
   B. Data Service to Communication Outlets 3
   C. LAN Technology Pair Assignments 3
   D. Fiber-Optic Service to Communication Outlets 3
5. ELECTRICAL SERVICES 3

Subsection 4.0 DESIGN REQUIREMENTS - CABLES AND COMMUNICATION OUTLETS

1. GENERAL 1
2. COMMUNICATION CABLES 1
3. COMMUNICATION OUTLETS 1
   A. Twisted-Pair Service 1
   B. Fiber-Optic Service 2

Subsection 5.0 MAIN COMMUNICATION ROOM AND SATELLITE COMMUNICATION ROOM ENVIRONMENTAL AND SAFETY DESIGN REQUIREMENTS

1. GENERAL 1
2. ENVIRONMENTAL CONTROL 1
3. EMERGENCY EGRESS 1
4. FIRE PROTECTION 1
5. MONITORING OF EQUIPMENT 1

Subsection 6.0 RELATED DATA

Wiring Block Insert Labeling Information
Design Checklists
Cable Data Sheets

UNCLASSIFIED COMMUNICATIONS BUILDING WIRING PLAN
GENERAL SECTION

1. INTRODUCTION AND SCOPE

This standard defines the requirements for design and installation of unclassified building communication systems in new buildings, additions to buildings, and in remodeling existing buildings. It covers unclassified wiring for both voice and data needs. Subsections 1.0 through 6.0 contain specific requirements. The data needs which typically can be accommodated by this wiring plan include RS-232, Ethernet, IBM token ring, "Apple-Talk," and IBM 3270 types of protocols used in local area networks (LANs).

2. PURPOSE

The purpose of this standard is to introduce uniformity in the design and installation of unclassified communications building wiring systems for the Oak Ridge Operations plants. No additional design is required for communications rooms because of this preengineering. The drawings provided will require editing; but new drawings, with the exception of Building Communications Plan(s), are not required. A major component of this standard is the sharing of cabling for many different types of LAN functions; therefore, less effort is required for designing new systems and for maintaining established ones. The same cable patches different systems or services to the communications outlet.

3. APPLICATION

This wiring standard shall be used for work by the Facilities Manager, work under subcontract to the Facilitieis Manager, and maintenance work. It shall be used for all new building construction and also for all major remodeling where, in the opinion of the Manager of Telecommunications or his designated representative, communications facilities are significantly affected.

4. UTILIZATION

This document describes procedures and materials which influence the reliability and function of telecommunications networks. As such, it has a critical effect on the ability of the managing contractor to perform its mission and on the safety and security of its employees. Deviations must be approved by the Manager of Telecommunications or his designated representative.

110.CR1

APPROVED BY 12/02

5. APPLICABLE SPECIFICATIONS, STANDARDS, AND OTHER PUBLICATIONS

A. ANSI/NFPA 70, National Electrical Code.

B. DOE 6430.1A, General Design Criteria.

C. ES-1.2-10, Grounding and Bonding - Cable Tray Systems.

D. ES-1.6-2, Electrical Receptacles.

E. ES-1.6-3, 125 Volt Receptacle - Neutral and Ground Wiring.

F. Y-ES-1.7-1, Electrical Symbols.

G. MIL-HDBK-419, Grounding, Bonding, and Shielding for Electronic Equipment and Facilities.

H. OSHA, Occupational Safety and Health Act.

I. TS Div. 16, Electrical.

J. TS 16511, Fluorescent Luminaires.

K. TS 16535, Emergency Lighting Equipment.

L. Y/EF-538, Engineering Design Criteria.

6. ACRONYMS

DCA - Digital Communications Associates
IDF - Intermediate Distribution Frame
LAN - Local Area Network
MCR - Main Communications Room
MDF - Main Distribution Frame
NIU - Network Interface Unit
RV - Riser Voice (Wiring Block)
SCR - Satellite Communications Room
SD - Station Data (Wiring Block)
SV - Station Voice (Wiring Block)
TB - Telephone Backbone (Cable)
TC - Telecommunications
TF - Telephone Feeder (Wiring Block or Cable)

7. TERMINOLOGY

A. Main Communications Room (MCR)

The MCR houses the communications equipment for a building and can service a maximum of 144 communication outlets fully configured for voice and data. Telephone service terminates in the MCR.

110.CR1

B. Satellite Communications Room (SCR)

SCRs house auxiliary communications equipment for a building and can service a maximum of 144 communication outlets fully configured for voice and data. Connection to the MCR is by means of riser cables.

C. Station Cables

Station cables connect the MCR and the SCRs to communication outlets.

D. Riser Cables

Riser cables connect the MCR to the SCRs. There are twisted-pair riser cables for voice and fiber-optic cables for data.

E. Twisted-Pair Wiring Blocks

Twisted-pair wiring blocks are the AT&T 110 wiring blocks shown on Drawings ES-1.13-1-SD09 and ES-1.13-1-SD10. All twisted-pair voice cables, with the exception of the telephone service cable, terminate on wiring blocks on the walls of the communications rooms.

F. Fiber-Optic Interconnection Units

Termination for fiber-optic cables is provided on the fiber-optic interconnection units located on the walls of MCRs and SCRs.

G. Communication Outlets (Twisted-Pair)

Communication outlets are located in the individual offices and are used with twisted-pair cables. They provide both voice and data services. When required, these outlets can be dedicated to data only or to voice only. Refer to Drawing ES-1.13-1-SD06 for identification and mounting of communication outlets.

H. Main Distribution Frame (MDF)

The twisted-pair MDF is located in the MCR where all of the telephone trunks are terminated along with the wiring (station cables) for offices served by that particular MCR (see Drawing ES-1.13-1-SD04).

I. Intermediate Distribution Frame (IDF)

These frames, used for terminations of wiring (station cables) from offices, are located in the SCRs (refer to Drawing ES-1.13-1-SD05).

J. Telephone Service

Telephone service cables terminate in the MCR. The terminating equipment required for these cables depends upon whether the source of the service is via trunk or feeder (see Drawing ES-1.13-1-SD03).

K. LAN Cabinets

LAN cabinets house standard 19-in. rack-mounted equipment and might be used for a Digital Communications Associates multiplexer, a (LAN) concentrator, or a broadband network interface unit (NIU).

L. Telephone Backbone (TB) Cables

The TB cables connect the telephone NIUs with the telephone feeder (TF) wiring blocks on the MDF (refer to Drawings ES-1.13-1-SD01, ES-1.13-1-SD03, and ES-1.13-1-SD04).

M. Line Cords (Connectorized)

Connectorized line cords are used to connect the LAN equipment to the communication outlets at the data patch panels (refer to Drawing ES-1.13-1-SD01).

N. Patch Cables

Patch cables are used to connect low-speed data circuits between the data patch panels and either the riser voice (RV) wiring blocks (at the SCRs) or the TF blocks (at the MCR) (refer to Drawing ES-1.13-1-SD01).

O. Cross-Connect Wiring

Cross-connection of wiring blocks, where required, shall be twisted-pair copper (AT&T "F" cross-connect wire) (refer to Drawing ES-1.13-1-SD01).

P. Data Patch Panels

Data patch panels are shown on Drawings ES-1.13-1-SD01, ES-1.13-1-SD04, and ES-1.13-1-SD05. All station data cables terminate at these panels which are located on the walls of MCRs and SCRs.

DESIGN AND IMPLEMENTATION RESPONSIBILITIES

1. GENERAL

This section defines the requirements and responsibilities of Engineering and Telecommunications in the design and implementation of unclassified communication systems in accordance with this standard. See Sect. 6.0, pp. 9 through 14, for design checklists which will aid in defining these responsibilities.

2. ENGINEERING

A. Design

Engineering shall assure that the designer (either the Facilities Manager or an architect-engineer) incorporates the elements of this standard into the design. The design (construction) packages shall consist of communication plan(s) and edited master drawings per 2.B.5. Estimating Engineering (EE) shall furnish the necessary cost estimates from this design package and data received from Telecommunications (see Item 3.C).

B. Application

The following tasks will be performed by Engineering to ensure timely and appropriate implementation of the wiring standard:

1) Determine the communication needs for the installation and select the appropriate quantity and types of communication outlets for each office in the subject building. This will be done in cooperation with the Site Telecommunication Coordinator.

2) In conjunction with the customer, ascertain the number of outlets required. This will typically be based on the number of telephones and work stations planned per occupant. In circumstances requiring additional guidelines, use the following: install one communications outlet if the area of the office is less than 120 ft^2; install two outlets if the area of the office is equal to or greater than 120 ft^2 (these should be on opposite walls).

3) Determine the location and quantity of communications rooms [Main Communications Rooms (MCRs) and Satellite Communications Rooms (SCRs)] needed for the subject building based on the quantity of communication outlets to be served and the physical geometry of the building. Use the rules as stated in Subsection 2.0, Building Layout Design Requirements. Identify the selected layout as Types A through F according to Drawing ES-1.13-1-MD01.

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4) Inform the Site Telecommunications Coordinator of the communications needs as determined in Items 1 and 2 above.

5) Select the standard master drawings to be provided to the building designer. Use the following table in making the selection. See Sect. 6.0 for the reference drawings.

Type A Configuration	Types B - F Configuration
ES-1.13-1-MD01	ES-1.13-1-MD01
ES-1.13-1-MD02	ES-1.13-1-MD02
ES-1.13-1-MD03	ES-1.13-1-MD03
ES-1.13-1-MD04	ES-1.13-1-MD04
ES-1.13-1-MD05	ES-1.13-1-MD05
ES-1.13-1-MD06	ES-1.13-1-MD06
ES-1.13-1-MD07	ES-1.13-1-MD07
	ES-1.13-1-MD08
	ES-1.13-1-MD09
	ES-1.13-1-MD10

6) Select the standard data sheets according to the following table. See Sect. 6.0 for the reference data sheets.

Type A Configuration	Types B - F Configuration
DS-EE-6359-1	DS-EE-6359-1
DS-EE-6359-2	DS-EE-6359-2
	DS-EE-6359-3
	DS-EE-6359-5

7) Issue a copy of the wiring standard, the correct set of drawings and data sheets, and the design criteria as required to the building designer.

8) Engineering must evaluate the results of all contractor bids for cable to ensure that the cable meets specifications before it is purchased.

3. TELECOMMUNICATIONS

A. Installation

The contractor who provides services for Telecommunications will install the AT&T 110 blocks and data patch panels on the walls in the MCRs and SCRs, make all cable terminations on them, ground the cable shields as required, supply and install all communication outlets supplied by Telecommunication, label the AT&T 110 blocks and data patch panels, and provide information for incorporation into the data base which documents cables and terminations in communications rooms.

The Telecommunications contractor shall also provide terminations and cabling for all special voice communication needs within a building. These additional communication needs may include key stations, line status indicators, external visual and audible indicators, public address systems, etc.

Telecommunications can provide the option for fiber-optic cabling to individual offices as required by the customer. Refer to Drawings ES-1.13-1-SD01 and -SD06. A Type 4 communications outlet can be used to terminate the fibers in the offices. Termination in the MCR and SCR can either be on the distribution frames or in a local area network cabinet.

B. Application

The following tasks will be performed by Telecommunications to ensure the timely and appropriate implementation of the wiring standard:

1) Obtain and review the communication needs for the subject installation from Engineering and discuss any needed modifications.

2) Provide cost estimates to Engineering for material and labor required by Telecommunications for implementation of the wiring standard.

3) Determine the telephone service cable size in number of pairs and outside diameter and establish the requirements for any spare conduits. Provide this information to Engineering.

4) Select the required standard drawings according to the following table. An edited, by "highlighting," copy of these drawings will then be provided to the Telecommunications contractor.

ES-1.13-1-SD01	ES-1.13-1-SD10
ES-1.13-1-SD02	ES-1.13-1-SD11
ES-1.13-1-SD03	ES-1.13-1.SD12
ES-1.13-1-SD04	ES-1.13.1-SD13
ES-1.13-1-SD06	ES-1.13.1-SD14
ES-1.13-1-SD07	ES-1.13.1-SD15
ES-1.13-1-SD08	ES-1.13.1-SD16
ES-1.13-1-SD09	ES-1.13.1-SD17

5) Issue the appropriate set of drawings as stated above with a copy of the wiring standard to the Telecommunications contractor.

C. Estimating

At the time of the conceptual design, Telecommunications, with the cooperation of Engineering, will prepare a bill of material for the implementation of their portion of the wiring standard and all special systems such as key stations, line status indicators, external visual and

audible indicators, etc. This bill of material will be provided to Electrical Engineering for inclusion with their work. The total package of bills of material will then be given to EE so that a cost estimate can be produced.

D. Cable Management

It is the responsibility of Telecommunications to document the initial cable configuration of the MCRs and SCRs using a cable management system data base. Changes to the cable configuration in the MCRs and SCRs along with maintenance of the cable management data base are also the responsibilities of Telecommunications.

Note: Telecommunications may delegate this to their service contractor.

BUILDING LAYOUT DESIGN REQUIREMENTS

1. GENERAL

This section defines the building layout design requirements for all of the main components of the wiring standard which are the Main Communication Rooms (MCRs), Satellite Communication Rooms (SCRs), and riser systems.

2. MAIN AND SATELLITE COMMUNICATIONS ROOMS

The MCR and SCR are the two types of communications facilities addressed in this standard. Each building shall have an MCR, but whether or not the building includes one or more SCRs depends on the physical size of the structure and the number of voice and data stations requiring service.

A. MCR and SCR Layout Design Rules Within Buildings

Each communication room (MCR and SCR) is designed to service 96 telecommunication outlets fully configured for both voice and data and is expandable to serve 144 stations. Both the MCR and SCR are to be located within the area they serve so that the maximum length of station cabling between the communications room and the communication outlets does not exceed 310 ft. This includes 25 ft of cable at the station and 35 ft in the communications rooms, thereby yielding a maximum linear distance of 250 ft from the communications room to the station. At all times, design shall minimize cable lengths to offices and risers. In large buildings, locating the MCR and SCRs on the same floor may reduce office cable runs.

B. MCR

The MCR shall be 10 ft by 12 ft. Each MCR supports up to five SCRs (Ref. Drawing ES-1.13-1-MD01). A fully configured MCR with five SCRs supports up to 864 communication outlets; therefore, a very large building could require more than one MCR. In that case, separate trunks or feeders for telephone service would have to be installed in each MCR for a particular large building (see Drawings ES-1.13-1-MD04, ES-1.13-1-MD05, ES-1.13-1-MD06, and ES-1.13-1-MD07).

C. SCR

The SCR shall be 8 ft by 12 ft (see Drawings ES-1.13-1-MD08, ES-1.13-1-MD09, and ES-1.13-1-MD10).

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3. BUILDING RISER SYSTEM

A building riser diagram shall be required for each building's telecommunications system. See Drawing ES-1.13-1-MD01 for six possible building riser diagrams. These are identified as Type A through Type F. The blank space, identified as Type G, on the master drawing is for any special building riser diagram.

DESIGN REQUIREMENTS - MAIN AND SATELLITE COMMUNICATION ROOMS

1. GENERAL

This section defines the requirements for the telephone service entrance, communications equipment located in the Main Communication Room (MCR) and the Satellite Communication Room (SCR), and electrical services for the MCR and the SCR.

2. TELEPHONE SERVICE ENTRANCE

The telephone service cables terminate in the MCR. The terminating equipment required for these cables depends upon the source of the service (i.e., whether the service is via trunk or feeder).

A. Trunk

If the service is via trunk from outside the building and requires station protectors (e.g., lightning protection), the equipment shall include the splice enclosure, protector unit, network interface unit (NIU), and connecting cable (refer to Drawing ES-1.13-1-SD03).

B. Feeder

If the service is via a feeder cable from another building and does not require lightning protection, only the NIU and connecting cable are required (refer to Drawing ES-1.13-1-SD03).

3. MCR AND SCR COMMUNICATION EQUIPMENT

A. Main Distribution Frame (MDF)

The MDF shall be located in the MCR. For equipment located on this frame, see Drawing ES-1.13-1-SD04.

B. Intermediate Distribution Frame (IDF)

An IDF shall be located in each SCR. For equipment located on this frame, see Drawing ES-1.13-1-SD05.

C. Local Area Network (LAN) Cabinet

Both the MCR and the SCR shall have space for three LAN cabinets. These cabinets would house standard 19-in. rack-mounted equipment (e.g., Digital Communications Associates multiplexer or LAN concentrator or broadband NIUs) and shall not exceed the maximum size of 25 in. wide by 25 in. deep by 84 in. high.

110.FR1

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D. Miscellaneous Voice and Data Equipment

The type and location of miscellaneous voice and data equipment (i.e., key systems equipment, energy management sensors, etc.) shall be provided by Telecommunications. To determine available space for wall-mounted equipment, see Drawings ES-1.13-1-MD06 and ES-1.13-1-MD10.

E. Twisted-Pair and Fiber-Optic Cable Terminations

All twisted-pair cables exiting the communication rooms, except the telephone service cable(s), shall terminate on wiring blocks or the data patch panel located on the MDF and the IDF. The telephone service cable terminates at the telephone NIUs (NIU--demarcation point). Telephone backbone cables connect the NIUs to wiring blocks on the MDF.

All fiber-optic riser cables exiting the communication rooms shall terminate at fiber-optic interconnecting units located on the MDF and the IDF. Fiber-optic outlet cables exiting the communications rooms shall terminate at either the fiber-optic interconnection units or the fiber-optic LAN cabinets.

F. Cross-Connections

All cross-connections at the MDF and the IDF shall be by Telecommunications in accordance with their data base. Cross-connection of wiring blocks shall be accomplished by the use of either punch-down wiring (using "F" cross-connect wire) or patch cables as shown on Drawing ES-1.13-1-SD01. The slack in patch cable between termination points shall not exceed 2 ft to minimize the possibility of cross-talk; however, the patch cables should not be pulled tight to reach the termination points. Cross-connection of fiber-optic interconnecting units shall be by the use of duplex fiber-optic jumpers.

4. COMMUNICATION SERVICES

A. Telephone Service to Communication Outlets

A four-pair cable, identified VXXX-X, shall connect the edge connector (voice) of twisted-pair communication outlets to station voice (SV) wiring blocks located at either the MDF or the IDF.

<u>Note</u>: There is a space (four-pair) reserved on the SV wiring blocks for each communication outlet.

One pair (#4) of the cable terminated on the SV wiring block shall remain for future use (e.g., to connect an Integrated Services Digital Network power supply to the telephone). The other three pairs (#1, #2, and #3) shall be cross-connected to other wiring blocks by Telecommunications for the telephone service required (see Drawings ES-1.13-1-SD01, ES-1.13-1-SD09, and ES-1.13-1-SD17).

B. Data Service to Communication Outlets

A four-pair cable, identified DXXX-X, shall connect the edge connector (data) of twisted-pair communication outlets to the data patch panel located at either the MDF or the IDF (refer to Drawing ES-1.13-1-SD12).

C. LAN Technology Pair Assignments

The following table shows the allocated data cable pairs for the listed communication technologies (refer to Drawing ES-1.13-1-SD12).

Technology	Data Cable Allocated Pairs
R9232 (Asynchronous)	1/2 and if required 3/4
IBM 3270 or "Apple-Talk"	3 and if required 4
Ethernet	3/4
Token ring (4 Mb/s)	3/4
Token ring (16 Mb/s)	1, 2, 3, or 4
Token ring (100 Mb/s)	1, 2, 3, or 4

D. Fiber-Optic Service to Communication Outlets

A duplex fiber-optic cable, identified FXXX-X, shall connect fiber-optic communication outlets to fiber-optic interconnecting units or fiber-optic LAN cabinets at either the MDF or the IDF.

Note: This service shall be supplied for special use only (video, audio, and/or high-speed data) as determined by Telecommunications and shall not be installed in every office as standard procedure.

5. ELECTRICAL SERVICES

Electrical services to the MCR and the SCR(s) shall be in accordance with Drawing ES-1.13-1-MD04 for the MCR and ES-1.13-1-MD08 for SCR(s).

1. GENERAL

This section defines the communication cables and outlets required for the implementation of this standard.

2. COMMUNICATION CABLES

Communication cables shall conform with the following:

Cable ID	Service	Item # on B/M (SD02)	Data Sheet (Sub. 6.0)	Notes
VXXX-X	Comm. Outlet Voice	IA	DS-EE-6359-1	4 pair
DXXX-X	Comm. Outlet Data	1B	DS-EE-6359-2	4 pair
RVX-MX	Riser Voice	1C	DS-EE-6359-3	100 pair
RFX-MX	Riser Fiber	1E	DS-EE-6359-5	12 fiber
TFX-XM	Telephone Service	1F	-	Specified by TC
FXXX-X	Comm. Outlet Fiber	1G	-	2 fiber (duplex) Specified by TC
TBX-X	Telephone Backbone	1H	-	25 pair with connector. Connects TF blocks to telephone NIUs
LANX-XX	LAN Data	-	-	No. pairs per service. Connects LAN patch panels to LAN cabinets

3. COMMUNICATION OUTLETS

A. Twisted-Pair Service

The communication outlets for use with twisted-pair cables contain two eight-pin sockets, one for voice and one data. These sockets will accept various adapter inserts for the required service (Ref. Detail 26 on Drawing ES-1.13-1-SD17). A communication outlet shall be provided for each person in an office. Additional outlets can be provided if needed. The

outlets can be dedicated to voice only, data only, or both voice and data. Refer to Drawing ES-1.13-1-SD06 for this feature and identification and mounting of communication outlets.

B. Fiber-Optic Service

Communication outlets for use with fiber-optic cables shall be either flush mounted or surface mounted (see Drawing ES-1.13-1-SD06).

MAIN COMMUNICATION ROOM AND SATELLITE COMMUNICATION ROOM ENVIRONMENTAL AND SAFETY DESIGN REQUIREMENTS

1. GENERAL

This section contains information pertaining to the design of communications rooms.

2. ENVIRONMENTAL CONTROL

Heating, air conditioning, and ventilation shall be provided to maintain the room temperature between 65° and 80°F and the relative humidity not greater than 55%. Assume a maximum of two people with sensible heat at 255 Btuh/person and latent heat at 255 Btuh/person. Assume an equipment and lighting load of 5 kW.

3. EMERGENCY EGRESS

Emergency egress lighting shall be provided in the communication rooms in accordance with Drawings ES-1.13-1-MD04, ES-1.14-1-MD08, and Occupational Safety and Health Act 29 CFR 1910, Subpart E.

4. FIRE PROTECTION

Fire protection shall be provided in accordance with Department of Energy General Design Criteria 6430.1A and Martin Marietta Energy Systems, Inc., Design Criteria Y/EF-538.

5. MONITORING OF EQUIPMENT

If required by Telecommunications, each Main Communication Room (MCR) and Satellite Communication Room (SCR) shall be connected to a remote alarm in the site Plant Shift Superintendent's office. This alarm shall sound an alert in the event of temperature or humidity problems in the MCR or SCR.

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RELATED DATA

1. GENERAL

This section contains the following data:

A. Block Insert Labeling Information (Ref. Detail 11 on Drawing ES-1.13-1-SD08)

Insert Type 1A - Page 3
Insert Type 2 - Page 5
Insert Type 3A - Page 6

This information is included for use by Telecommunications.

B. Design Checklists

Design Flow Diagram - Page 9
Design Checklist 1 - Page 10
Design Checklist 2 - Page 11
Design Checklist 3 - Page 12
Design Checklist 4 - Page 13
Design Checklist 5 - Page 14

This information is included for use by Engineering and the Site Telecommunications Coordinator.

C. Cable Data Sheets

DS-EE-6359-1 - Cable for Communication Outlet Voice - Pages 15 and 16
DS-EE-6359-2 - Cable for Communication Outlet Data - Pages 17 and 18
DS-EE-6359-3 - Cable for Riser Voice - Pages 19 and 20
DS-EE-6359-4 - Spare (for future use) - Pages 21 and 22
DS-EE-6359-5 - Cable for Riser Fiber - Pages 23 and 24

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BLOCK INSERT LABELING INFORMATION

TYPE 1A -- USE WITH TELEPHONE FEEDER (TF) WIRING BLOCKS --
COLOR = GREEN

	A	B	C	D	E F	<-LABEL
	G	H	I	J	K L	

- LABEL LOCATION KEY -

NOTE: TEN LABELS PER SHEET, SEE DETAIL # 11, DWG. ES-1.13-1 SD08.

SH. NO.	KEY											
	A	B	C	D	E	F	G	H	I	J	K	L
1A1	1	6	11	16	21	25	26	31	36	41	46	50
	51	56	61	66	71	75	76	81	86	91	96	100
	101	106	111	116	121	125	126	131	136	141	146	150
	151	156	161	166	171	175	176	181	186	191	196	200
	201	206	211	216	221	225	226	231	236	241	246	250
	251	256	261	266	271	275	276	281	286	291	296	300
	301	306	311	316	321	325	326	331	336	341	346	350
	351	356	361	366	371	375	376	381	386	391	396	400
	401	406	411	416	421	425	426	431	436	441	446	450
1A1	451	456	461	466	471	475	476	481	486	491	496	500
1A2	501	506	511	516	521	525	526	531	536	541	546	550
	551	556	561	566	571	575	576	581	586	591	596	600
	601	606	611	616	621	625	626	631	636	641	646	650
	651	656	661	666	671	675	676	681	686	691	696	700
	701	706	711	716	721	725	726	731	736	741	746	750
	751	756	761	766	771	775	776	781	786	791	796	800
	801	806	811	816	821	825	826	831	836	841	846	850
	851	856	861	866	871	875	876	881	886	891	896	900
	901	906	911	916	921	925	926	931	936	941	946	950
1A2	951	956	961	966	971	975	976	981	986	991	996	1000

1A3 --- 1001 THROUGH 1500
1A4 --- 1501 THROUGH 2000

1A5 --- 2001 THROUGH 2500
1A6 --- 2501 THROUGH 3000

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TYPE 2 -- USE WITH RISER VOICE (RV) WIRING BLOCKS -- COLOR = WHITE

START

	V001-1	V002-1	V003-1	V004-1	V005-1	V006-1	V007-1	V008-1	
	V009-1	VO10-1	V011-1	VO12-1	VO13-1	VO14-1	VO15-1	VO16-1	

FINISH

- TYPICAL LABEL -

NOTE: TEN LABELS PER SHEET, SEE DETAIL # 11, DWG. ES-1.13-1 SD08.

SH.NO.	START	FINISH
21	V001-1	VO16-1
	VO17-1	VO32-1
	VO33-1	VO48-1
	VO49-1	VO64-1
	VO65-1	VO80-1
	VO81-1	VO96-1
	VO97-1	V112-1
	V113-1	V128-1
	V129-1	V144-1
21	BLANK	BLANK
22	VOO1-2	VO16-2
	V017-2	VO32-2
	VO33-2	VO48-2
	VO49-2	VO64-2
	VO65-2	VO80-2
	VO81-2	VO96-2
	VO97-2	V112-2
	V113-2	V128-2
	V129-2	V144-2
22	BLANK	BLANK

SH.NO.	START	FINISH
23	V001-3	VO16-3
	VO17-3	VO32-3
	VO33-3	VO48-3
	VO49-3	VO64-3
	VO65-3	VO80-3
	VO81-3	VO96-3
	VO97-3	V112-3
	V113-3	V128-3
	V129-3	V144-3
23	BLANK	BLANK
24	VOO1-4	VO16-4
	V017-4	VO32-4
	VO33-4	VO48-4
	VO49-4	VO64-4
	VO65-4	VO80-4
	VO81-4	VO96-4
	VO97-4	V112-4
	V113-4	V128-4
	V129-4	V144-4
24	BLANK	BLANK

SH.NO.	START	FINISH
25	V001-5	VO16-5
	VO17-5	VO32-5
	VO33-5	VO48-5
	VO49-5	VO64-5
	VO65-5	VO80-5
	VO81-5	VO96-5
	VO97-5	V112-5
	V113-5	V128-5
	V129-5	V144-5
25	BLANK	BLANK

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TYPE 3A -- USE WITH STATION VOICE (SV) WIRING BLOCKS -- COLOR = BLUE

START

	V001-M	V002-M	V003-M	V004-M	V005-M	V006-M	
	V007-M	V008-M	V009-M	V010-M	V011-M	V012-M	

FINISH

- TYPICAL LABEL -

NOTE: TWELVE LABELS PER SHEET, SEE DETAIL # 11, DWG. ES-1.13-1 SD08.

SH.NO.	START	FINISH
3A1	V001-M	V012-M
	V013-M	V024-M
	V025-M	V036-M
	V037-M	V048-M
	V049-M	V060-M
	V061-M	V072-M
	V073-M	V084-M
	V085-M	V096-M
	V097-M	V108-M
	V109-M	V120-M
	V121-M	V132-M
3A1	V133-M	V144-M

3A2 -- SAME AS SH.# 3A1, EXCEPT (-M) BECOMES (-1) -- V001-1 -> V144-1
3A3 -- SAME AS SH.# 3A1, EXCEPT (-M) BECOMES (-2) -- V001-2 -> V144-2
3A4 -- SAME AS SH.# 3A1, EXCEPT (-M) BECOMES (-3) -- V001-3 -> V144-3
3A5 -- SAME AS SH.# 3A1, EXCEPT (-M) BECOMES (-4) -- V001-4 -> V144-4
3A6 -- SAME AS SH.# 3A1, EXCEPT (-M) BECOMES (-5) -- V001-5 -> V144-5

110.IR1

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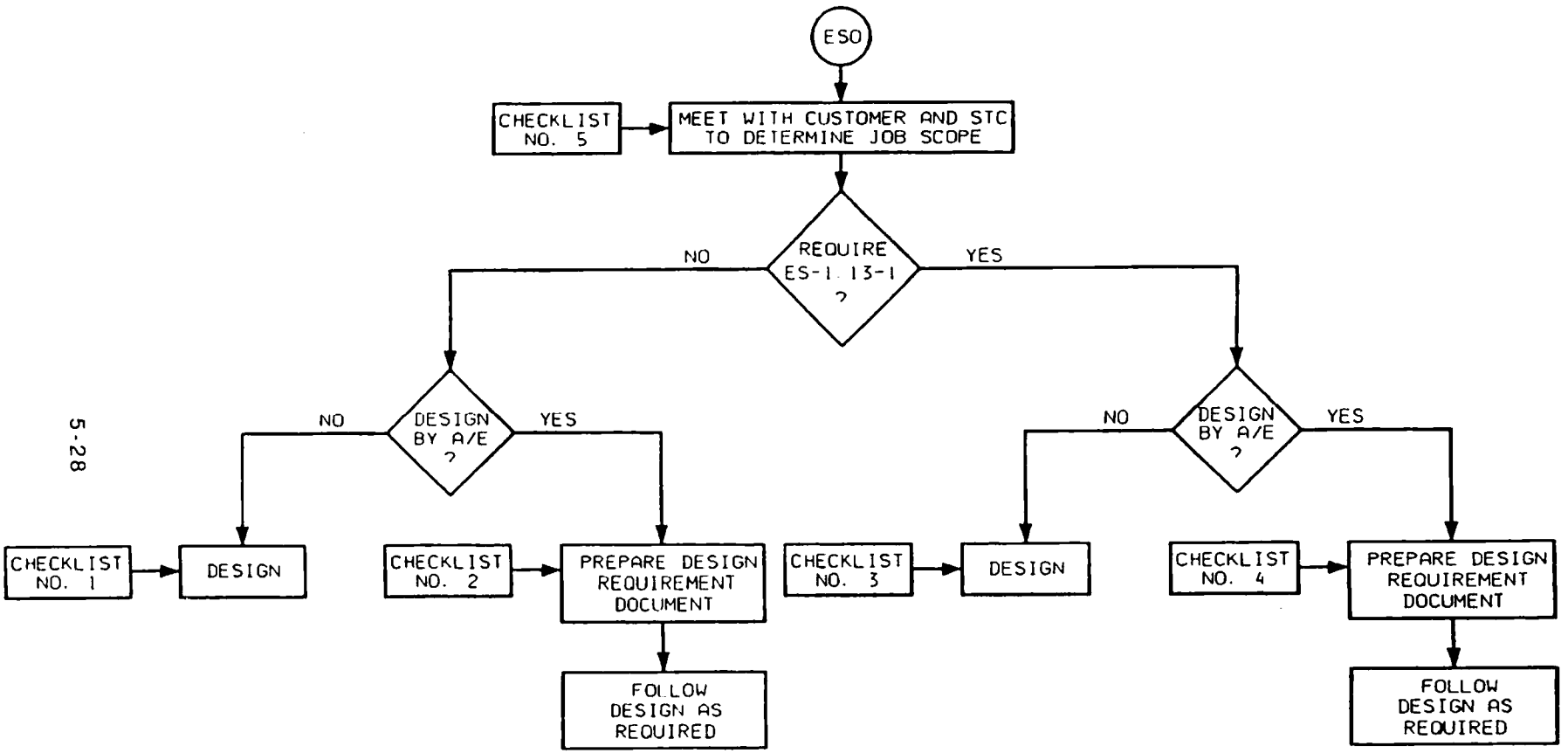


UNCLASSIFIED COMMUNICATIONS
BUILDING WIRING
DESIGN FLOW DIAGRAM

MARTIN MARIETTA	BY: DRW 11-15-88	SCALE: NONE	SKETCH NO. E1BES1.13-1	SK01	REV. 0

DESIGN CHECKLIST NO. 1 -- ELECTRICAL ENGINEERING DEPARTMENT
ENGINEERING STANDARD ES 1.13-1 -- Unclassified Communications

NOTE: This checklist shall be completed for all projects that require "In House" design and does not require a communication room.

PROJECT: _____
JOB : _____
ESO # : _____

1) System Installation: [ ] In a New Building
[ ] In a Building Addition
[ ] In an Existing Building
2) Meet with the Customer and the Site Telecommunication Coordinator and determine the Job Scope -- [ ] YES
3) Locate all Communication Outlets -- [ ] YES
4) Locate, and detail, the Telephone Closet(s), including the Telephone Service Cable(s) and their related terminating equipment -- [ ] YES -- [ ] Not required
5) Locate, and detail, Local Area Network (LAN) equipment -- [ ] YES -- [ ] Not required
6) Other (describe):

NOTE: Review the design package with the Customer and the Site Telecommunications Coordinator before you issue "IFC".

BY: _____ DATE: / /

DESIGN CHECKLIST NO. 2 -- ELECTRICAL ENGINEERING DEPARTMENT
ENGINEERING STANDARD ES 1.13-1 -- Unclassified Communications

NOTE: This checklist shall be completed for all projects that require "A/E" design and does not require a communication room.

PROJECT: _____
JOB : _____
ESO # : _____

1) System Installation: [ ] In a New Building
[ ] In a Building Addition
[ ] In an Existing Building
2) Meet with the Customer and the Site Telecommunication Coordinator and determine the Job Scope -- [ ] YES
3) Prepare the Specific Job Requirements Document and include the following:
   A) Reference to Y/EF-538, Section 11.3.21.3 -- [ ] YES
   B) Reference to DOE Order 6430.1A -- [ ] YES
   C) The number, type, and location of all Communication Outlets -- [ ] YES
   D) The location, and details of the Telephone Closet(s) -- [ ] YES -- [ ] Not required
   E) The size, and suggested routing, of the Telephone Service Cable(s) -- [ ] YES -- [ ] Not required
   F) Sketches -- [ ] YES -- [ ] Not required
   G) Other (describe):

NOTE: Review the Specific Job Requirements Document with the Customer and the Site Telecommunications Coordinator before you issue it.

BY: _____ DATE: / /

DESIGN CHECKLIST NO. 3 -- ELECTRICAL ENGINEERING DEPARTMENT
ENGINEERING STANDARD ES 1.13-1 -- Unclassified Communications

NOTE: This checklist shall be completed for all projects that require "In House" design and requires a communication room(s).

PROJECT: _____
JOB : _____
ESO # : _____

1) System Installation: [ ] In a New Building
[ ] In a Building Addition
[ ] In an Existing Building
2) Meet with the Customer and the Site Telecommunication Coordinator (STC) and determine the Job Scope -- [ ] YES
3) Prepare Communications Plan(s) and locate all Communication Outlets -- [ ] YES
4) Locate the Communication Room(s) -- [ ] YES
5) Provide Electrical Power for the Communication Room(s) -- [ ] YES
6) Using Master Drawing # ES-1.13-1 MD01 select the Building Riser Scheme -- [ ] YES -- Type # _____
7) With the STC determine the size and routing of the Telephone Service Cable(s) -- [ ] YES -- Size = _____ Pairs
OD = _____
8) Re-number, and revise, the Master Drawings -- [ ] YES
9) Locate, and detail, the Local Area Network (LAN) equipment -- [ ] YES -- [ ] Not required
10) With the STC prepare a B/M Cost Estimate [ ] YES
11) Other (describe):

NOTE: Review the design package with the Customer and the Site Telecommunications Coordinator before you issue "IFC".

BY: _____ DATE: / /

DESIGN CHECKLIST NO. 4 -- ELECTRICAL ENGINEERING DEPARTMENT
ENGINEERING STANDARD ES 1.13-1 -- Unclassified Communications

NOTE: This checklist shall be completed for all projects that require "A/E" design and requires a communication room(s).

PROJECT: _____
JOB : _____
ESO # : _____

1) System Installation: [ ] In a New Building
[ ] In a Building Addition
[ ] In an Existing Building
2) Meet with the Customer and the Site Telecommunication Coordinator and determine the Job Scope -- [ ] YES
3) Prepare the Specific Job Requirements Document and include the following:
   A) Reference to Y/EF-538, Section 11.3.21.3 -- [ ] YES
   B) Reference to DOE Order 6430.1A -- [ ] YES
   C) Reference to Engineering Standard ES-1.13-1 -- [ ] YES
   D) The number, type, and location of all Communication Outlets -- [ ] YES -- [ ] Not required
   E) The location of the Communication Room(s) -- [ ] YES -- [ ] Not required
   F) The size and suggested routing of the Telephone Service Cable(s) -- [ ] YES
   G) Sketches -- [ ] YES -- [ ] Not required
   H) Example drawings of an existing facility -- [ ] YES -- [ ] Not required
   I) Other (describe):

NOTE: Review the Specific Job Requirements Document with the Customer and the Site Telecommunications Coordinator before you issue it.

BY: _____ DATE: / /

DESIGN CHECKLIST NO. 5 -- TELECOMMUNICATIONS DEPARTMENT
ENGINEERING STANDARD ES 1.13-1 -- Unclassified Communications

NOTE: This checklist shall be completed by the Site Telecommunications Coordinator, or his designated representative, for all projects requiring engineering design.

PROJECT: _____
JOB : _____
ESO # : _____

1) Assist the Customer and Engineering in determining the Job Scope and whether ES-1.13-1 shall be implemented -- [ ] YES
2) Provide cost estimates to Engineering for material and labor required by Telecommunications -- [ ] YES -- [ ] Not required
3) Determine the Telephone Service Cable(s) size in number of pairs and outside diameter, and establish the requirements for any spare conduits. Provide this information to Engineering for their use -- [ ] YES -- [ ] Not required
4) Assist the Customer and Engineering in reviewing either the IFC design package (for "In House" design), or the Specific Job Requirements Document (for "A/E" design) -- [ ] YES
5) For Jobs requiring implementation of Engineering Standard ES-1.13-1 select and edit (by "highlighting") the required Standard Drawings (SD) and provide them to the Telecommunication "In House" Contractor for their use -- [ ] YES -- [ ] Not required
6) Using the Cable Management System data base, document the initial cable configuration -- [ ] YES -- [ ] Not required
7) Other (describe):

BY: _____ DATE: / /

DATA SHEET # DS-EE-6359-1 (Pg. 1 of 2)

DATA SHEET	DATA SHEET NO.	REV.	ISSUE DATE
MARTIN MARIETTA ENERGY SYSTEMS, INC. OAK RIDGE, TN	PAGE 1 OF 2	REQUISITION NO.	
	PROCURED BY	INSTALLED BY	
PROJECT TITLE	PROJECT NO.	E.S.O. OR W.O.	
JOB TITLE	BUILDING	PLANT	

EQUIPMENT

TELEPHONE CABLE -- 4 PAIR -- USED FOR COMMUNICATION OUTLET VOICE (V)

1.0 SCOPE

This data sheet covers the requirements for a 4-Pair, twisted, telephone cable.
NOTE: This cable shall be rated for plenum use.

2.0 APPLICABLE DOCUMENTS (Latest Edition)

ANSI/NFPA 70 -- National Electrical Code - Article 800-51 (a)
EIA/TIA Technical System Bulletin 36
Underwriters Laboratories (UL) -- 910 Smoke and Flame Test (CMP or MPP)
Underwriters Laboratories (UL) -- Data-Transmission Level Marking Program

3.0 REQUIREMENTS

The cable shall meet, or exceed, the following requirements:

(A) PHYSICAL REQUIREMENTS
(1) Cable Type -- Listed as "CMP " in accordance with NEC and UL.
(2) Four (4) twisted pairs.
(3) Conductors of 24 AWG solid copper.
(4) Rated at 300 Volts (min).
(5) Cable outer jacket color - Blue preferred, may be Grey or White.
(6) Cable pair colors -- The pair colors shall be in accordance with the following table:

PAIR 1	White / Blue Band or Stripe	Blue
PAIR 2	White / Orange Band or Stripe	Orange
PAIR 3	White / Green Band or Stripe	Green
PAIR 4	White / Brown Band or Stripe	Brown

(7) Capable of insertion in an "AT&T" 110 block.
(8) Capable of insertion in a 8-position modular plug.

Furnish Mfg. data in quantities ind:	NUMBER OF COPIES W/Bid	Approv.	W/Equip.	TYPE OF DATA (Continued)	NUMBER OF COPIES W/Bid	Approv.	W/Equip.
1.Outline dim. dwgs.	4		4	6.Test & Insp. Reports		4	4
2.Oper. & Perf. data				7.Materials Cert.		4	4
3.Lit. & Parts List				8.Complete Schematics			
4.Oper. & Maint. Inst				9.Wiring Diagrams			
5.Install. Instr.				10.Cable Specs.	4		4
PREPARED BY	APPROVED BY			PRINCIPAL ENGINEER	PROJECT ENGR. (MANAG.)		

(B) **DATA TRANSMISSION CHARACTERISTICS**
The cable shall be UL certified as Level 3 or ETL (Electrical Testing Lab) approved for Level 3 applications in accordance with EIA/TIA Technical System Bulletin 36 and shall meet the following:
(1) DC Resistance (DCR), 24 AWG = 28.6 Ohms/1000 Ft. (max).
(2) Capacitance = 20 pF/Ft. @ 1 MHz (max).
(3) Impedance = 100 Ohms, ± 15 % @ 1 thru 16 MHz
(4) Attenuation = 41 dB/1000 Ft. @ 16 MHZ (max).
(5) NEXT (Near End Crosstalk - Worst Case) = 23 dB/1000 Ft. @ 16 MHz

4.0 **CABLE LENGTHS**

Nominal cable lengths shall be 300 - 1000 feet, splice free.

5.0 **MANUFACTURER DATA**

Equipment data, as defined and listed in the table on Page 1 of this data sheet (Manufacturer's Data Requirements), shall be provided. Data requirements are listed to define the data which must be submitted "with bids", "for approval", and "with equipment".
NOTE: The cable shall meet, or exceed, the requirements of this data sheet. Industry standard variations will not be allowed.

6.0 **QUALITY ASSURANCE**

6.1 Inspection and Test

The cable shall be inspected and tested to show full compliance with this data sheet.

6.2 Certification

The cable manufacturer shall furnish a certification stating that the tests and inspections have been performed and meet all the requirements of this data sheet. This certification, along with all inspections and test reports, shall be furnished to, and approved by, the Facility Manager (FM) prior to the cable shipment.
Each cable reel length must contain a certified test report to ensure compliance with electrical performance requirements.

DATA SHEET # DS-EE-6359-2 (Pg. 1 of 2)

DATA SHEET	DATA SHEET NO.	REV.	ISSUE DATE
MARTIN MARIETTA ENERGY SYSTEMS, INC. OAK RIDGE, TN	PAGE 1 OF 2	REQUISITION NO.	
	PROCURED BY	INSTALLED BY	
PROJECT TITLE	PROJECT NO.	E.S.O. OR W.O.	
JOB TITLE	BUILDING	PLANT	

EQUIPMENT

DATA CABLE -- 4 PAIR -- USED FOR COMMUNICATION OUTLET DATA (D)

1.0 SCOPE

This data sheet covers the requirements for a 4-Pair, twisted, data cable.
NOTE: This cable shall be rated for plenum use.

2.0 APPLICABLE DOCUMENTS (Latest Edition)

ANSI/NFPA 70 -- National Electrical Code - Article 800-51 (a)
EIA/TIA Technical System Bulletin 36
Underwriters Laboratories (UL) -- 910 Smoke and Flame Test (CMP or MPP)
Underwriters Laboratories (UL) -- Data-Transmission Level Marking Program

3.0 REQUIREMENTS

The cable shall meet, or exceed, the following requirements:

(A) PHYSICAL REQUIREMENTS
(1) Cable Type -- Listed as "CMP " in accordance with NEC and UL.
(2) Four (4) twisted pairs.
(3) Conductors of 24 AWG solid copper.
(4) Rated at 300 Volts (min).
(5) Cable outer jacket color - Yellow preferred, may be any color except Blue, Grey, or White
(6) Cable pair colors -- The pair colors shall be in accordance with the following table:

PAIR 1	White / Blue Band or Stripe	Blue
PAIR 2	White / Orange Band or Stripe	Orange
PAIR 3	White / Green Band or Stripe	Green
PAIR 4	White / Brown Band or Stripe	Brown

Furnish Mfg. data in quantities ind:	NUMBER OF COPIES W/Bid	Approv.	W/Equip.	TYPE OF DATA (Continued)	NUMBER OF COPIES W/Bid	Approv.	W/Equip.
1.Outline dim. dwgs.	4		4	6.Test & Insp. Reports		4	4
2.Oper. & Perf. data				7.Materials Cert.		4	4
3.Lit. & Parts List				8.Complete Schematics			
4.Oper. & Maint. Inst				9.Wiring Diagrams			
5.Install. Instr.				10.Cable Specs.	4		4
PREPARED BY	APPROVED BY			PRINCIPAL ENGINEER	PROJECT ENGR. (MANAG.)		

(B) **DATA TRANSMISSION CHARACTERISTICS**

The cable shall be UL certified as Level 5 or ETL (Electrical Testing Lab) approved for Level 5 applications in accordance with EIA/TIA Technical System Bulletin 36 and shall meet the following:

(1) DC Resistance (DCR), 24 AWG = 28.6 Ohms/1000 Ft. (max).
(2) Capacitance = 17 pF/Ft. @ 1 MHz (max).
(3) Impedance = 100 Ohms, ± 15 % @ 1 thru 100 MHz
(4) Attenuation = 67 dB/1000 Ft. @ 100 MHZ (max).
(5) NEXT (Near End Crosstalk - Worst Case) = 32 dB/1000 Ft. @ 100 MHz

4.0 **CABLE LENGTHS**

Nominal cable lengths shall be 300 - 1000 feet, splice free.

5.0 **MANUFACTURER DATA**

Equipment data, as defined and listed in the table on Page 1 of this data sheet (Manufacturer's Data Requirements), shall be provided. Data requirements are listed to define the data which must be submitted "with bids", "for approval", and "with equipment".

NOTE: The cable shall meet, or exceed, the requirements of this data sheet. Industry standard variations will not be allowed.

6.0 **QUALITY ASSURANCE**

6.1 Inspection and Test

The cable shall be inspected and tested to show full compliance with this data sheet.

6.2 Certification

The cable manufacturer shall furnish a certification stating that the tests and inspections have been performed and meet all the requirements of this data sheet. This certification, along with all inspections and test reports, shall be furnished to, and approved by, the Facility Manager (FM) prior to the cable shipment.

Each cable reel length must contain a certified test report to ensure compliance with electrical performance requirements.

DATA SHEET # DS-EE-6359-3 (Pg. 1 of 2)

DATA SHEET	DATA SHEET NO.	REV.	ISSUE DATE
MARTIN MARIETTA ENERGY SYSTEMS, INC. OAK RIDGE, TN	PAGE 1 OF 2	REQUISITION NO.	
	PROCURED BY	INSTALLED BY	
PROJECT TITLE	PROJECT NO.	E.S.O. OR W.O.	
JOB TITLE	BUILDING	PLANT	

EQUIPMENT

TELEPHONE CABLE -- 100 PAIR -- USED FOR RISER VOICE (RV)

1.0 SCOPE

This data sheet covers the requirements for a 100-Pair, twisted, telephone cable.
NOTE: This cable shall be rated for plenum use.

2.0 APPLICABLE DOCUMENTS (Latest Edition)

ANSI/NFPA 70 -- National Electrical Code - Article 800-51 (a)
EIA/TIA Technical System Bulletin 36
Underwriters Laboratories (UL) -- 910 Smoke and Flame Test (CMP or MPP)
Underwriters Laboratories (UL) -- Data-Transmission Level Marking Program

3.0 REQUIREMENTS

The cable shall meet, or exceed, the following requirements:

(A) PHYSICAL REQUIREMENTS
(1) Cable Type -- Listed as "CMP " in accordance with NEC and UL.
(2) One hundred (100) pairs, in four (4) groups of twenty five (25) pair each.
(3) Conductors of 24 AWG solid copper.
(4) Rated at 300 Volts (min).
(5) Cable outer jacket color - Any color except Yellow or Blue.
(6) Cable pair colors -- The pair colors shall be in accordance with the standard telephone "Even Count Color Code" (a.k.a. Western Electric Standard, "DWI").

(8) Capable of insertion in an "AT&T" 110 block.

Furnish Mfg. data in quantities ind:	NUMBER OF COPIES W/Bid	Approv.	W/Equip.	TYPE OF DATA (Continued)	NUMBER OF COPIES W/Bid	Approv.	W/Equip.
1.Outline dim. dwgs.	4		4	6.Test & Insp. Reports		4	4
2.Oper. & Perf. data				7.Materials Cert.		4	4
3.Lit. & Parts List				8.Complete Schematics			
4.Oper. & Maint. Inst				9.Wiring Diagrams			
5.Install. Instr.				10.Cable Specs.	4		4
PREPARED BY	APPROVED BY			PRINCIPAL ENGINEER	PROJECT ENGR. (MANAG.)		

(B) DATA TRANSMISSION CHARACTERISTICS

The cable shall be UL certified as Level 3 or ETL (Electrical Testing Lab) approved for Level 3 applications in accordance with EIA/TIA Technical System Bulletin 36 and shall meet the following:

(1) DC Resistance (DCR), 24 AWG = 28.6 Ohms/1000 Ft. (max).
(2) Capacitance = 20 pF/Ft. @ 1 MHz (max).
(3) Impedance = 100 Ohms, ± 15 % @ 1 thru 16 MHz
(4) Attenuation = 41 dB/1000 Ft. @ 16 MHZ (max).
(5) NEXT (Near End Crosstalk - Worst Case) = 23 dB/1000 Ft. @ 16 MHz

4.0 CABLE LENGTHS

Nominal cable lengths shall be 300 - 1000 feet, splice free.

5.0 MANUFACTURER DATA

Equipment data, as defined and listed in the table on Page 1 of this data sheet (Manufacturer's Data Requirements), shall be provided. Data requirements are listed to define the data which must be submitted "with bids", "for approval", and "with equipment".

NOTE: The cable shall meet, or exceed, the requirements of this data sheet. Industry standard variations will not be allowed.

6.0 QUALITY ASSURANCE

6.1 Inspection and Test

The cable shall be inspected and tested to show full compliance with this data sheet.

6.2 Certification

The cable manufacturer shall furnish a certification stating that the tests and inspections have been performed and meet all the requirements of this data sheet. This certification, along with all inspections and test reports, shall be furnished to, and approved by, the Facility Manager (FM) prior to the cable shipment.

Each cable reel length must contain a certified test report to ensure compliance with electrical performance requirements.

DATA SHEET # DS-EE-6359-4 (Pg. 1 of 2)

DATA SHEET	DATA SHEET NO.	REV.	ISSUE DATE
MARTIN MARIETTA ENERGY SYSTEMS, INC. OAK RIDGE, TN	PAGE 1 OF 2	REQUISITION NO.	
	PROCURED BY	INSTALLED BY	
PROJECT TITLE	PROJECT NO.	E.S.O. OR W.O.	
JOB TITLE	BUILDING	PLANT	
EQUIPMENT			

1.0 SCOPE

This is a spare two page Data Sheet!

Furnish Mfg. data in quantities ind:	NUMBER OF COPIES W/Bid	Approv.	W/Equip.	TYPE OF DATA (Continued)	NUMBER OF COPIES W/Bid	Approv.	W/Equip.
1.Outline dim. dwgs.	4		4	6.Test & Insp. Reports		4	4
2.Oper. & Perf. data				7.Materials Cert.		4	4
3.Lit. & Parts List				8.Complete Schematics			
4.Oper. & Maint. Inst				9.Wiring Diagrams			
5.Install. Instr.				10.Cable Specs.	4		4
PREPARED BY	APPROVED BY			PRINCIPAL ENGINEER	PROJECT ENGR. (MANAG.)		

4.0 **CABLE LENGTHS**

Nominal cable lengths shall be 300 - 1000 feet, splice free.

5.0 **MANUFACTURER DATA**

Equipment data, as defined and listed in the table on Page 1 of this data sheet (Manufacturer's Data Requirements), shall be provided. Data requirements are listed to define the data which must be submitted "with bids", "for approval", and "with equipment".
NOTE: The cable shall meet, or exceed, the requirements of this data sheet. Industry standard variations will not be allowed.

6.0 **QUALITY ASSURANCE**

6.1 Inspection and Test

The cable shall be inspected and tested to show full compliance with this data sheet.

6.2 Certification

The cable manufacturer shall furnish a certification stating that the tests and inspections have been performed and meet all the requirements of this data sheet. This certification, along with all inspections and test reports, shall be furnished to, and approved by, the Facility Manager (FM) prior to the cable shipment.
Each cable reel length must contain a certified test report to ensure compliance with electrical performance requirements.

DATA SHEET # DS-EE-6359-5 (Pg. 1 of 2)

DATA SHEET	DATA SHEET NO.	REV.	ISSUE DATE
MARTIN MARIETTA ENERGY SYSTEMS, INC. OAK RIDGE, TN	PAGE 1 OF 2	REQUISITION NO.	
	PROCURED BY	INSTALLED BY	
PROJECT TITLE	PROJECT NO.	E.S.O. OR W.O.	
JOB TITLE	BUILDING	PLANT	

EQUIPMENT
FIBER OPTIC CABLE -- 12 FIBER -- USED FOR RISER FIBER

1.0 **SCOPE**

This data sheet covers the requirements for a twelve (12) fiber, 62.5/125 micron, intrabuilding fiber optic cable.
NOTE: This cable shall be rated for plenum use.

2.0 **APPLICABLE DOCUMENTS**

ANSI/NFPA 70 -- National Electric Code (NEC) -- Article 770-51 (c)

3.0 **REQUIREMENTS**

The cable shall meet, or exceed, the following requirements:

(1) Underwriters Laboratories (UL) approved

(2) Cable use - Intrabuilding (Indoor Distribution)

(3) Cable type - OFNP, per NEC - Article 770-51 (c)

(4) Cable operating and storage temperature range - 0 to 70 Deg. C

(5) Cable minimum bending radius, long term (unloaded) - 10 x cable OD

(6) Number of fibers = 12

(7) Fiber type - Graded Index Multimode

(8) Fiber core diameter - 62.5 microns (±) 6.0 microns

(9) Fiber core eccentricity - 7.5 % maximum

(10) Fiber core ovality - 20 % maximum

(11) Fiber cladding diameter - 125.0 micron (±) 2.0 micron

Furnish Mfg. data in quantities ind:	NUMBER OF COPIES W/Bid	Approv.	W/Equip.	TYPE OF DATA (Continued)	NUMBER OF COPIES W/Bid	Approv.	W/Equip.
1.Outline dim. dwgs.	4		4	6.Test & Insp. Reports		4	4
2.Oper. & Perf. data				7.Materials Cert.		4	4
3.Lit. & Parts List				8.Complete Schematics			
4.Oper. & Maint. Inst				9.Wiring Diagrams			
5.Install. Instr.				10.Cable Specs.	4		4
PREPARED BY	APPROVED BY			PRINCIPAL ENGINEER	PROJECT ENGR. (MANAG.)		

(12) Fiber coating diameter - 245 micron (+19/-13) micron

(13) Attenuation range -- TPD = 3.45 to 3.8 dB/km @ 850 nm
= 0.85 to 2.0 dB/km @ 1300 nm
MIFL = 4.15 to 4.3 dB/km @ 850 nm
= 1.0 to 2.0 dB/km @ 1300 nm

(14) Bandwidth range -- 150 to 300 MHz-km @ 850 nm
300 to 1000 MHz-km @ 1300 nm

(15) Numerical aperture - 0.29 (theoretical)

(16) Refractive index delta - 2.0 % (±) 0.3 %

4.0 CABLE LENGTHS

Cable lengths shall be as required

5.0 MANUFACTURER DATA

Equipment data, as defined and listed in the table on Page 1 of this data sheet (Manufacturer's Data Requirements), shall be provided. Data requirements are listed to define the data which must be submitted "with bids", "for approval", and "with equipment".
NOTE: The cable shall meet, or exceed, the requirements of this data sheet. Industry standard variations will not be allowed.

6.0 QUALITY ASSURANCE

6.1 Inspection and Test

The cable shall be inspected and tested to show full compliance with this data sheet.

6.2 Certification

The cable manufacturer shall furnish a certification stating that the tests and inspections have been performed and meet all the requirements of this data sheet. This certification, along with all inspections and test reports, shall be furnished to, and approved by, the Facility Manager (FM) prior to the cable shipment.

PREFACE
ENGINEERING STANDARD ES-1.13-1
UNCLASSIFIED COMMUNICATIONS
BUILDING WIRING PLAN

During 1986, Telecommunications hired a consulting firm, Network Strategies, Inc., to prepare a study of voice and data communications needs at the three Oak Ridge Operations plants (K-25 Site, Y-12, and Oak Ridge National Laboratory), located at Oak Ridge, Tennessee. After analyzing their recommendations, Telecommunications and Engineering together prepared Engineering Standard ES-1.13-1, "Unclassified Communications Building Wiring Plan." This standard was issued approved on November 1, 1988.

Use of this standard at these plants is as follows:

1. The outside cabling distribution, including building telephone services, is provided by an outside carrier (South Central Bell). This standard provides design and wall space, at the Main Communication Room, for their terminating equipment. Telecommunications edits, by "highlighting," a copy of Drawing ES-1.13-1-SD03 and provides it to the outside carrier.

2. This standard provides master drawings (MD) for Engineering's use in preparing a construction package (ref. Subsection 1.0, 2.A).

3. Telecommunications employs a service contractor for use in installing communication outlets, equipment in the communication rooms, etc. (ref. Subsection 1.0, 3.A). This standard provides standard drawings (SD) for Telecommunications' use. Telecommunications edits, by "highlighting," the necessary copies of these drawings and provides them to the service contractor.

This standard may be used for any Department of Energy (DOE) facility employing a similar operation of their telecommunications system. Minor changes in terminology may be required on the drawings (i.e., changing the term "South Central Bell" to the name of the carrier that you employ, etc.).

Use of this standard is not recommended for DOE facilities employing a different operation of their telecommunications system (i.e., operating their own outside cabling plant, requiring the construction package to include the installation of all communication equipment, etc.). However, it is recommended that the facility prepare their own version of a standard wiring plan using this standard as a guideline.

110.JR1

This revision of the standard includes the following:

1. The station data (SD) wiring blocks have been replaced with a data patch panel.

2. The local area network (LAN) wiring blocks have been eliminated.

3. The riser data (RD) wiring blocks and cable have been eliminated.

4. Data Sheets DS-EE-6359-1 (Station Voice cable), DS-EE-6359-2 (Station Data cable), DS-EE-6359-3 (Riser Voice cable), and DS-EE-6359-5 (Riser Fiber cable) have been revised.

5. Data Sheet DS-EE-6359-4 (used for Riser Data cable) is not a spare data sheet.

6. Revisions have been made on 23 drawings (ES-1.13-1-MD01, MD02, MD03, MD04, MD05, MD08, MD09, SD01, SD02, SD04, SD05, SD06, SD07, SD08, SD09, SD10, SD11, SD12, SD13, SD14, SD15, SD16, and SD17).

7. General revisions have been made to the standard to incorporate the above revisions, correct typos, etc.

In order to understand and/or implement this standard, it is recommended that a full or reduced size copy of the drawings (27) be obtained from Engineering Services.

Telecommunications and Engineering recognizes that all communication needs cannot be accommodated by any single standard wiring plan and be cost effective for the majority of users. Therefore, the wiring plan is being installed as a minimum building communications facility. Exceptions to installing the standard wiring plan in a new building or a major retrofit will be considered on a case-by-case basis.

Questions, concerns, and suggestions for improving the standard should be directed to the Telecommunications Architecture and Planning Group.

110.JR1

APPENDIX 6

SYSTEM OVERVIEW

APPENDIX 6

SYSTEM OVERVIEW

Martin Marietta Energy System, Inc., operates the three Department of Energy (DOE) facilities in Oak Ridge, Tennessee, the Paducah Gaseous Diffusion Plant (PGDP) in Kentucky, and the Portsmouth Gaseous Diffusion Plant (PORTS) in Piketon, Ohio, for Department of Energy Field Office, Oak Ridge (OR). The three facilities in Oak Ridge are the Y-12 Plant, the K-25 Plant, and the Oak Ridge National Laboratory (ORNL).

Energy Systems Telecommunications is a department within the Computing and Telecommunications Division (C&TD). Telecommunications' function is to provide service in support of Energy Systems, DOE, and other contractor organizations. It is also responsible for managing, operating, and regulating all telecommunications services and facilities at the Oak Ridge Energy Systems locations.

With respect to telecommunications, as well as other programs and management activities, OR: (1) establishes policies, (2) provides regulations, (3) reviews and approves requests, and (4) provides funding. Energy Systems Telecommunications has the following basic responsibilities and functions: (1) establishes and administers telecommunications policies; (2) provides telephone and radio services; (3) manages major data networks and provides data service; (4) monitors telecommunications security; (5) establishes telecommunications procedures; (6) provides technical, security, and other special services; (7) prepares accounting and budget information; (8) verifies and distributes costs; (9) provides network architecture, design, and planning; (10) prepares systems studies; (11) assists and works with user organizations; (12) interfaces with DOE, South Central Bell (SCB), AT&T, and other communications companies; (13) regulates and monitors all telecommunication activities; and (14) coordinates long-line services with other DOE installations.

Certain other Energy Systems organizations have telecommunications responsibilities. These organizations include Maintenance Divisions at all sites, Engineering, the Instrumentation and Controls Division (I&C) at ORNL, Y-12 Development Division, and other groups within C&TD.

Several communications vendors currently have contractual telecommunications responsibilities with Energy Systems. These responsibilities include: (1) providing telecommunications service; (2) assisting in systems studies and proposals; (3) providing installation, repair, and maintenance services; and (4) interfacing with Telecommunications and user organizations.

One of the principal existing telecommunications systems is the Official Oak Ridge Telephone System (OORTS). The OORTS serves over 50 major organizations in addition to DOE and Energy Systems. These include other governmental agencies with offices in Oak Ridge such as the Civil Service Commission and Commerce Department as well as government contractors, architect-engineering firms, and other companies. The OORTS has almost 16,000 main stations and about 2,300 telephone extensions. Most have the capability to access the Oak Ridge calling area and Knoxville, and many can access the Federal Telecommunications System (FTS) network. In addition to switched voice facilities, the OORTS also includes over 9,000 two- and four-wire private line circuits. These dedicated circuits serve a variety of voice, data, security, and other applications.

OFFICIAL OAK RIDGE TELEPHONE SYSTEM (Network ID ORO-OR-0012)

South Central Bell (SC8) installed a telephone system in January 1979, to serve OR facilities in Oak Ridge. A system of buried cable, repeater lines, and subscriber line carriers (SLC) connects the OR facilities to SCB's Central Office in the Oak Ridge business district. The system provides two-way voice channels on two pairs of wires--one pair for transmission in each direction. The OR facilities are linked by a trunking system which ensures that none of the facilities are totally cut off from communications with other DOE facilities and other areas. Energy Systems comprises about 84% of the total system. The approximate distances of the various OR facilities from the Central Office are shown in Exhibit 4A-OR-1. Exhibit 4A-OR-2 also provides additional information about the telephone system.

The Official Oak Ridge Telephone System (OORTS) has many of the custom calling services available through electronic central offices. These include three-way calling, call transfer, consultation hold, and call pickup. Also, the system provides a monthly listing on the type, duration, and destination of long-distance toll calls. A summary system description of the OORTS follows:

Summary System Description

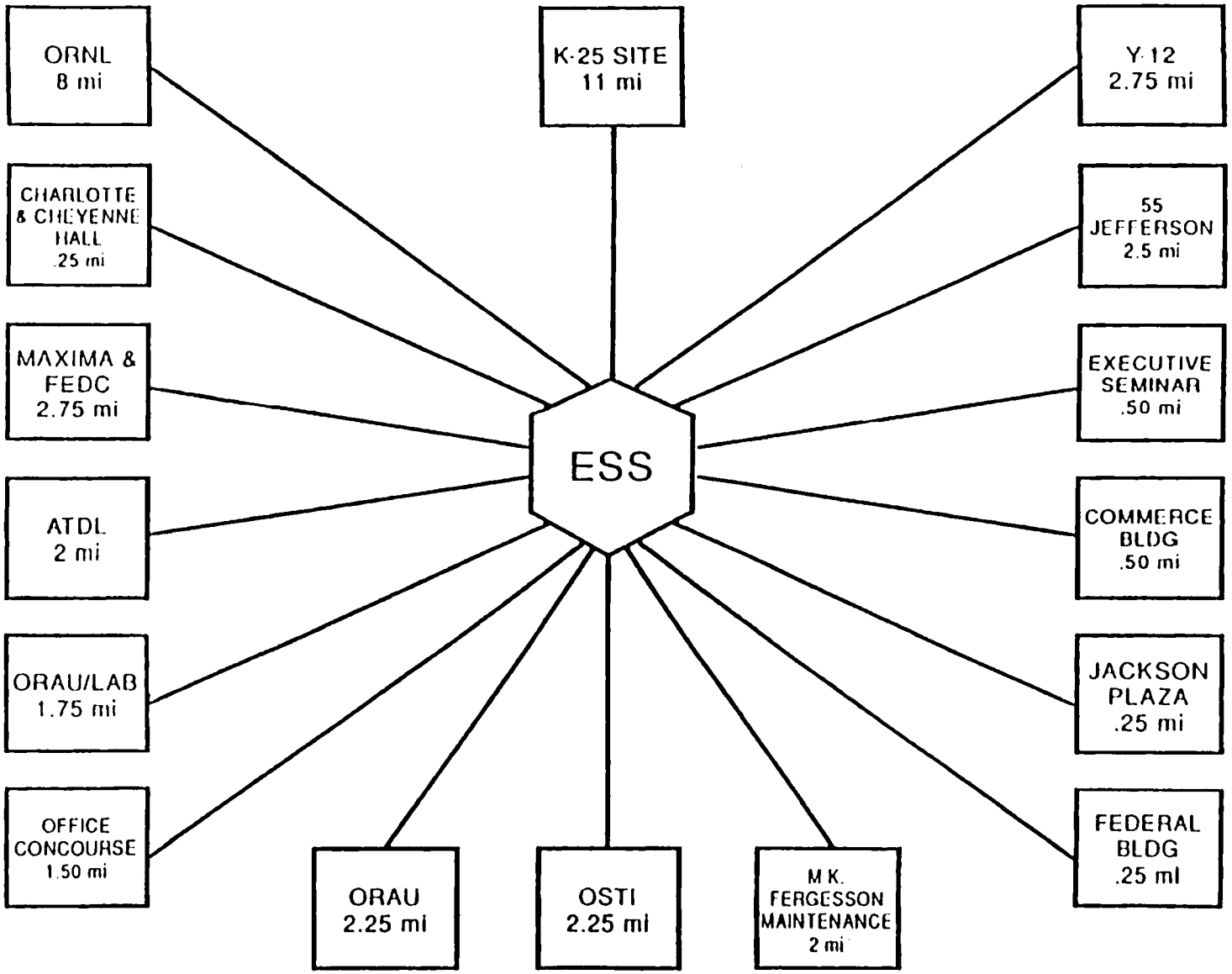
Site:	Oak Ridge, Tennessee
Size:	18,500 main stations/lines
Capacity:	20,000 main stations/lines
Type :	ESS operating in a Centrex mode under an ESSX tariff using ECAS
Status:	Leased from SCB, however with divestiture, Energy Systems on behalf of DOE purchased all telephones, ancillary equipment, and the inside building wiring.
Date:	Five-year contract with SC8 signed April 1, 1990. It expires in March 1995. Two six-month extensions are available.
Comments:	Competitively bid replacement system planned.

The original cable installation (1979), provided adequate capacity for growth until 1985. Since that time additional capacity has been added at K-25, Y-12, and ORNL The existing site capacity (approximate) and growth capabilites are given below:

Site/Location	Existing Capacity	Growth Capability
K-25	4,300	300
Y-12	6,910	220
ORNL	6,150	100
DOE/FB	1,090	100
HAZWRAP	600	293
Townsite	3,040	81O
TOTALS	22,090	1,823

ORNL-DWG 90Z-17435

DISTANCES TO THE ESS CENTRAL OFFICE

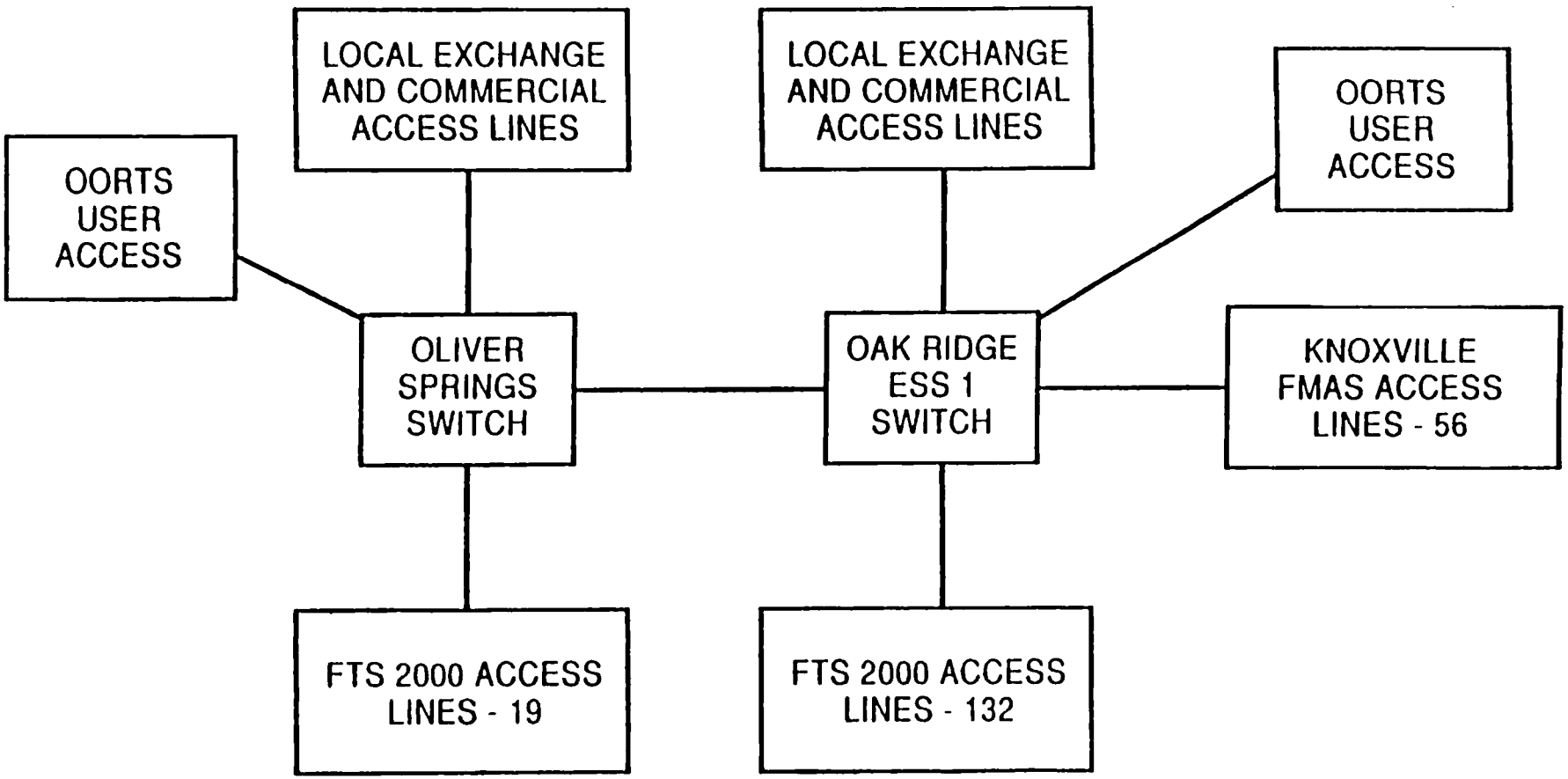


NETWORK IDENT.
ORO-OR-0012

EXHIBIT 4A-OR-1

ORNL-DWG 91Z-17776

TELEPHONE SYSTEM SERVING THE DOE FACILITIES IN OAK RIDGE



EXHIL 1A-OR-2

NETWORK IDENT.
OF OR-0012B

The number of telephone stations by location and class of service are as follows:

Site/Location	Main Stations	Extension Stations	Interior Stations
K-25	3,187	310	1,389
Y-12	5,818	877	2,682
ORNL	5,326	745	1,829
DOE/FB	898	23	56
HAZWRAP	307	0	0
Townsite	3,200	115	810
TOTALS	18,736	2,070	6,766

In addition to switched-voice facilities, the OORTS also includes two and four-wire private line circuits. These dedicated circuits serve a variety of voice, data, security, and other applications.

TELEPHONES AND TELEPHONE FEATURES

Number of single line sets	15,959
Number of key systems	233
Number of key sets	
1-button	51
5-button	28
6-button	1,569
12-button, 10-button, and 10 button with built-in speaker	670
20-button, and 22-button with built-in speaker	115
30-button	13
34-button	43
Number of special sets	
Call directors	10
Display 34-button deluxe with built-in speaker and 16-button display	351
Explosion proof, outdoor, etc.	164
Speakerphones includes set with built-in speakers	656
Specialty sets	14
Trimlines	97
Volume-control sets	186
Number of features (selected summary only)	
Call hold	1,945
Line status indicator	1,034
Call pickup group	8,874
Call pickup line	1,272
Call forwarding variable	7,418
Call forwarding busy line	5,252
Call waiting	851
Call forwarding, don't answer	8,841
Call diverting, ETB-toll diverting	286

In addition to switched-voice facilities, the OORTS also includes over 9,500 two- and four-wire private line circuits. These dedicated circuits serve a variety of voice, data, security, and other applications. These private wire circuits, by type, are as follows: data - 7,955; voice - 312; teletype - 135; remote metering and alarm - 1,023; radio - 104; and music - 8. The telephone system includes 144 access trunks for FTS, 39 trunks for the DOENTS Satellite System, and 57 foreign exchange (FX) trunks to Knoxville (see Exhibit 2). The trunks provide emergency backup for the OORTS and a study is underway to determine future requirements.

Cable is buried or placed in underground conduits to ensure circuit integrity and so that the network can be maintained efficiently and provide protection against service interruption. SCB and AT&T provide maintenance to the OORTS.

APPENDIX 7

CONTRACTORS, AGENCIES, ORGANIZATIONS, AND COMPANIES OBTAINING SERVICE FROM OORTS

APPENDIX 7

CONTRACTORS, AGENCIES, ORGANIZATIONS, AND COMPANIES OBTAINING SERVICE FROM OORTS SAMPLE LIST

(Some locations are not in Oak Ridge)

Albuquerque-Oak Ridge Operations
Analysas Corporation
Analysas-Annex
Analysas-Museum
Analysas-Pager
Analysas-Rampac
Analysas-Task 014
Analysas-Transcom
Associated Electrical Contractors
B&D Equipment
Bechtel National, Inc.

Chemical Waste Management
Clark Center Park
CMC Construction Company
Contel
Cousins Construction
Cray Research, Inc.
Del-Air Service Company
Department Of Energy
East Tennessee Mechanical Contractors
Erving Burton, Inc.
Federal Office Building Blind Stand #264
Federal Office Building Cafeteria
General Services Administration
H&R Technical Associates
Hicks and Ingle
Honeywell Commercial
Jim Foster, Inc.
Johnson Controls

K-25 Federal Credit Union
Lockwood Greene
M. K. Ferguson
Martin Marietta Energy Systems, Inc.
    K-25
    ORNL
        Y-12 Plant and Townsite Facilities
Maxima Corporation, Navy Civilian
    Personnel Data Center
Oak Ridge Associated Universities
Oak Ridge Federal Government Employees
    Credit Union
Oak Ridge Research Institute
Office of Personnel Management-Investigations
Office of Scientific and Technical Information
Omega Travel, Inc.
ORNL Federal Credit Union
OSCO, Inc.
Paducah Gaseous Diffusion Plant
Pan Am World Services
R&D Development
Radian Corporation
Representative Marilyn Lloyd
Sanders and Thomas
Tibbitts Mechanical Contractors
Tomahawk Construction Company
Training Systems, Inc.
TUCC Contractor Transition-Sweetwater, TN
UT Computer Center-Knoxville, TN
Y-12 Federal Credit Union

APPENDIX 8

RIMD M/R HOURS AND JOBS WORKED - CALENDAR YEAR 1993

APPENDIX 8

CALENDAR YEAR 1993 RIMD JOB INFORMATION

MONTH	Feature Programming	M/R Jobs[1]	RIMD Jobs[2]	Wiring Jobs[3]	Refurbished Sets	SCB Jobs[4]
January	541	644	1,419	81	44	1,063
February	883	633	1,634	125	108	1,087
March	611	807	1,470	435	183	749
April	806	546	1,031	255	74	912
May	598	693	1,390	271	80	938
June	800	773	1,393	174	141	727
July	648	664	918	293	113	729
August	824	812	1,281	261	116	737
September	624	785	1,093	427	104	584
October	838	647	1,659	653	153	1,279
November	620	900	1,430	945	80	991
December	853	731	1,325	641	11	833
TOTAL	8646	8,635	16,043	4,561	1,207	10,629

NOTE 1: Approximately 12% of the Maintenance/Repair Jobs did not require a site visit.

NOTE 2: Relocation jobs to a new building were counted twice here - approximately 12% represented the job at the old location, and another 12% represented the job at the new location. Changes within the same building were counted as one job. The programming of Merlins was not counted as a job here. 9.3% of OORTS phone sets were Merlins.

NOTE 3: Number of Wiring Jobs - a separate wire pull job and a separate jack termination job were included for each drop (special Y-12 large facility job in October - December).

NOTE 4: 30% of SCB jobs were intra-building changes to different wiring closets in non-Standard Wiring Plan Buildings. 40% of SCB jobs were relocations (20% at the old location, 20% at the new one). Approximately 19% of the SCB jobs were independent of an RIMD job (involving changes to SCB data lines or to Oliver Springs features).

RIMD JOB TYPE BREAKDOWN BY PERCENTAGE

MONTH	Intra-Bldg. New Rm.	Changes Same Rm	Inter-Bldg Old	Relocates New	Adds (New # or Line)	Discon-nects
1/2 Sept.	25.5%	44.4%	4.0%	4.2%	13.0%	8.9%
October	24.3%	23.2%	10.8%	10.6%	24.3%	7.0%
November	20.6%	27.9%	15.0%	14.6%	20.2%	1.7%
December	21.0%	24.8%	13.3%	13.5%	22.2%	5.1%
January '94	20.5%	26.6%	14.4%	14.6%	21.0%	3.0%

APPENDIX 9

MAINTENANCE AND REPAIR REQUEST ACTIVITY

APPENDIX 9

MAINTENANCE AND REPAIR ACTIVITY CONFIGURATION
January 1990 through December 1990

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
FEATURES													
Trouble	48	46	62	60	58	74	52	60	52	39	62	51	664
Service Order	0	0	0	0	0	3	0	0	0	5	0	0	8
Subtotal	48	46	62	60	58	77	52	60	52	44	62	51	672
EQUIPMENT TROUBLE													
Recorder	1	1	3	0	2	1	1	0	3	0	0	14	26
Bell	20	33	25	31	31	39	23	38	27	35	34	35	371
LSI	21	16	20	23	24	21	30	40	32	24	36	29	316
Mounting Cord	2	6	2	1	2	8	8	2	2	5	4	1	43
Spring Cord	13	9	17	17	12	13	11	12	11	3	5	11	134
Telephone Set	22	11	16	21	20	14	20	16	6	11	3	8	168
Touchtone Pad	29	25	22	22	33	30	20	44	30	42	26	23	346
Intercom	3	5	3	0	5	3	2	5	8	4	5	1	44
Key Telephone Set	5	9	1	8	13	1	2	7	4	0	0	0	50
Switchboard	5	16	8	2	12	5	4	7	1	7	9	4	80
Subtotal	121	131	117	125	154	135	121	171	124	131	122	126	1,578
DATA													
Dial Up Line Problems	0	0	0	1	1	1	0	0	1	0	1	0	5
Dial Up Modem Trouble	2	3	2	2	10	0	12	7	12	3	7	2	62
Private Line Trouble	16	4	38	27	49	47	41	66	33	38	40	33	432
Private Line Modem Trouble	7	7	7	8	8	11	9	17	0	1	1	2	78
Subtotal	25	14	47	38	68	59	62	90	46	42	49	37	577
CONSOLE													
Features	1	2	2	1	1	0	0	0	0	0	1	1	9
Hardware	1	1	0	0	0	1	1	1	1	0	0	4	10
Subtotal	2	3	2	1	1	1	1	1	1	0	1	5	19

APPENDIX 9 (continued)

MAINTENANCE AND REPAIR ACTIVITY CONFIGURATION
January 1990 through December 1990

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
911													
Y-12	1	1	3	0	0	0	0	1	2	2	0	0	10
ORNL	3	5	1	1	0	0	1	0	2	1	0	1	15
K-25	0	1	0	0	6	1	0	0	0	0	0	1	9
Townsite	0	0	0	0	0	0	0	1	0	0	0	0	1
Subtotal	4	7	4	1	6	1	1	2	4	3	0	2	35
PAGING													
Amplifier	0	1	3	2	9	5	2	6	5	5	6	11	55
Speaker	12	14	6	12	10	7	10	24	24	17	11	4	151
Volume	3	11	5	9	11	9	4	13	9	2	5	3	84
Subtotal	15	26	14	23	30	21	16	43	38	24	22	18	290
LINE													
Noisy (Static)	66	80	84	63	95	106	82	114	56	88	89	58	981
No Dial Tone	104	223	145	138	223	202	153	222	206	168	231	170	2185
Can't Dial Out	11	11	13	12	14	25	37	41	21	36	23	26	270
Can't Receive Calls	13	8	14	10	10	12	20	17	14	14	29	23	184
Transmission (Low or high)	29	28	36	33	44	38	18	43	34	43	40	33	419
Subtotal	223	350	292	256	386	383	310	437	331	349	412	310	4039
OTHER													
Misc. & FTS	26	22	39	32	48	27	30	59	30	106	86	56	561
Disconnect or Cut Offs	2	12	10	13	20	6	12	7	11	0	13	13	119
Subtotal	28	34	49	45	68	33	42	66	41	106	99	69	680
MISSING EQUIPMENT													
Mounting Cord	1	0	0	0	0	0	0	0	0	0	0	1	2
Spring Cord	1	0	0	3	0	0	1	0	0	1	0	11	17
Telephone Set	3	3	1	3	4	8	5	0	0	3	5	8	43
Subtotal	5	3	1	6	4	8	6	0	0	4	5	20	62
GRAND TOTAL	471	614	588	555	775	718	611	870	637	703	772	638	7952

APPENDIX 10

TELEPHONE STATIONS, CIRCUITS, ETC., REQUIRING EMERGENCY SERVICE RESTORATION

APPENDIX 10

Introduction

The following lists are only intended to convey to the Seller the quantities of telephone stations, circuits, etc., that require emergency service restoration. In addition, the Public Address Systems at the Company sites will also fall into emergency restoration plans. Many of the alarm and badge reader circuits (approximately 280 critical private-line circuits) also require emergency service restoration.

TELEPHONE NUMBER ASSIGNMENTS FOR THE EMERGENCY BACKUP SYSTEM

DEPARTMENT OF ENERGY-OAK RIDGE OPERATIONS, OAK RIDGE FACILITIES

Location	Function	ESS Number	Knoxville 546 Number	Circuit Number
1. FOB				
2. FOB				
3. FOB				
4. FOB				
5. FOB				
6. FOB				
7. Y-12				
8. FOB				
9. FOB				
10. FOB				
11. FOB				
12. FOB				
13. FOB				
14. DOE/IG				
15. OSTI				
16. OSTI				
17. ORAU				

Location	Function	ESS Number	Knoxville 546 Number	Circuit Number
18. ORAU				
19. K-25				
20. K-25				
21. K-25				
22. K-25				
23. K-25				
24. K-25				
25. K-25				
26. K-25				
27. TOWN.				
28. K-25				
29. K-25				
30. K-25				
31. K-25				
32. K-25				
33. ORNL				
34. ORNL				
35. ORNL				

Location	Function	ESS Number	Knoxville 546 Number	Circuit Numbe
36. ORNL				
37. ORNL				
38. ORNL				
39. ORNL				
40. ORNL				
41. ORNL				
42. ORNL				
43. ORNL				
44. Y-12				
45. Y-12				
46. Y-12				
47. Y-12				
48. Y-12				
49. Y-12				
50. Y-12				
51. Y-12				

Location	Function	ESS Number	Knoxville 546 Number	Circuit Number
52. Y-12				
53. Y-12				
54. Y-12				
55. Y-12				
56. Y-12				

Note: Knoxville Number originally assigned to DOE, has been disconnected and will not be reassigned at this time.

Telephone Network Services
March 11, 1991

ALPHABETICAL DIRECTORY OF USERS OF THE EMERGENCY BACKUP SYSTEM

Name	ESS Number	Knoxville 546 Number	Circuit Number

Telephone Network Services (March 11, 1991)

ESSENTIAL SERVICE LISTING
MARTIN MARIETTA ENERGY SYSTEMS, INC. - OAK RIDGE, TN

Name	Work Number	Site
		ORNL
		Y-12
		ORNL
		Y-12
		ORNL
		K-25
		Y-12
		K-25
		K-25
		K-25
		K-25
		Y-12
		Y-12
		ORNL
		K-25
		ORNL
		Y-12
		Y-12
		Y-12
		Y-12
		K-25
		Y-12
		K-25
		K-25
		K-25
		K-25
		Y-12
		K-25
		ORNL
		K-25
		Y-12
		K-25
		ORNL
		ORNL
		ORNL
		Y-12
		ORNL
		Y-12
		Town
		ORNL
		Y-12

ESSENTIAL SERVICE LISTING
MARTIN MARIETTA ENERGY SYSTEMS, INC. - OAK RIDGE, TN
(continued - page 2)

Name	Work Number	Site
		Y-12
		K-25
		K-25
		K-25
		Y-12
		ORNL
		Y-12
		Y-12
		K-25
		K-25
		K-25
		K-25
		Y-12
		ORNL
		Y-12
		K-25
		Y-12
		K-25
		ORNL
		ORNL
		ORNL
		ORNL
		Y-12
		K-25
		K-25
		K-25
		ORNL
		Y-12
		K-25
		K-25
		K-25
		K-25
		K-25
		Y-12
		ORNL
		K-25
		ORNL
		K-25
		K-25
		ORNL
		K-25

ESSENTIAL SERVICE LISTING
MARTIN MARIETTA ENERGY SYSTEMS, INC. - OAK RIDGE, TN
(continued - page 3)

Name	Work Number	Site
* K-25 EOC		K-25
* K-25 EOC		K-25
* K-25 EOC		K-25
* K-25 EOC		K-25
* K-25 EOC		K-25
* K-25 EOC		K-25
K-25 EOC		K-25
K-25 EOC		K-25
K-25 EOC		K-25
ORNL EOC		ORNL
ORNL EOC		ORNL
ORNL EOC		ORNL
ORNL EOC		ORNL
ORNL EOC		ORNL
ORNL EOC		ORNL
ORNL EOC		ORNL
ORNL EOC		ORNL
ORNL EOC		ORNL
ORNL EOC		ORNL
ORNL EOC		ORNL
ORNL EOC		ORNL
ORNL EOC		ORNL
ORNL EOC		ORNL
ORNL EOC		ORNL
ORNL EOC		ORNL
ORNL EOC		ORNL
ORNL EOC		ORNL
ORNL EOC		ORNL
ORNL EOC		ORNL
		K-25
		K-25
		Y-12
		Y-12
		Y-12
		K-25
		ORNL
		ORNL
		Y-12
		K-25
		K-25
		ORNL
		ORNL
		Y-12
		Y-12
		ORNL
		Y-12

ESSENTIAL SERVICE LISTING
MARTIN MARIETTA ENERGY SYSTEMS, INC. - OAK RIDGE, TN
(continued - page 4)

Name	Work Number	Site
		ORNL
		ORNL
		K-25
		K-25
		Y-12
		ORNL
		Y-12
		Y-12
		Y-12
		Y-12
		ORNL
		K-25
		ORNL
Telephone Network Services		K-25
Telephone Network Services		K-25
* Telephone Network Services		K-25
* Telephone Network Services		K-25
* Telephone Network Services		K-25
		Y-12
		K-25
		K-25
		K-25
		K-25
		K-25
		Y-12
* Y12 Communications Center		Y-12
Y12 EOC		Y-12
Y12 EOC		Y-12
Y12 EOC		Y-12
Y12 EOC		Y-12
Y12 EOC		Y-12
Y12 EOC		Y-12
Y12 EOC		Y-12
Y12 EOC		Y-12
Y12 EOC		Y-12
		ORNL

* Additions or changes in line status.

Telephone Network Services
October 25, 1990

ESSENTIAL SERVICE BUSINESS LISTING
DOE AND DOE CONTRACTOR PERSONNEL - OAK RIDGE, TN

Company	Name	Business Number
Bechtel National, Inc.		
Cray Research, Inc.		
Cray Research, Inc.		
Cray Research, Inc.		
Department of Energy		
Department of Energy		
Department of Energy		
Department of Energy		
Department of Energy		
Department of Energy		
Department of Energy		
Department of Energy		
Department of Energy		
Department of Energy		
Department of Energy		
Department of Energy		
Department of Energy		
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Department of Energy		
Department of Energy		
Department of Energy		
Department of Energy		
Department of Energy		
Department of Energy		
Department of Energy		
Department of Energy		
Department of Energy		
Department of Energy		
Department of Energy		

ESSENTIAL SERVICE BUSINESS LISTING
DOE AND DOE CONTRACTOR PERSONNEL - OAK RIDGE, TN

Company	Name	Business Number
Department of Energy		
Department of Energy		
Department of Energy		
Department of Energy		
Department of Energy		
Department of Energy		
Department of Energy	Joint Information Center	
Department of Energy	Joint Information Center	
Department of Energy	Joint Information Center	
Department of Energy	Joint Information Center	
Department of Energy	Joint Information Center	
Department of Energy	Joint Information Center	
Department of Energy	Joint Information Center	
Department of Energy	Joint Information Center	
Department of Energy	Joint Information Center	
Department of Energy	Joint Information Center	
Department of Energy	Joint Information Center	
Department of Energy	Joint Information Center	
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Department of Energy	Joint Information Center	
Department of Energy	Joint Information Center	
Department of Energy	Joint Information Center	
Department of Energy	Joint Information Center	
Department of Energy	Joint Information Center	
Department of Energy	Joint Information Center	
Department of Energy	Joint Information Center	
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Department of Energy	Joint Information Center	
Department of Energy	Joint Information Center	
Department of Energy	Joint Information Center	
Department of Energy	Joint Information Center	
Department of Energy	Joint Information Center	
Department of Energy	Joint Information Center	
Department of Energy	Joint Information Center	
Department of Energy	Joint Information Center	
Department of Energy	Joint Information Center	
Department of Energy	Joint Information Center	

ESSENTIAL SERVICE BUSINESS LISTING
DOE AND DOE CONTRACTOR PERSONNEL - OAK RIDGE, TN

Company	Name	Business Number
Department of Energy	Joint Information Center	
Department of Energy	Joint Information Center	
Department of Energy	Joint Information Center	
Department of Energy	Joint Information Center	
Department of Energy	Joint Information Center	
DOE - Albuquerque Operations		
DOE - Albuquerque Operations		
DOE - Albuquerque Operations		
Federal Bureau of Investigation		
Federal Bureau of Investigation		
Federal Bureau of Investigation		
Industrial Contractors, Inc.		
Industrial Contractors, Inc.		
Industrial Contractors, Inc.		
Irving Burton Associates, Inc.		
Irving Burton Associates, Inc.		
Maxima Corporation		
Maxima Corporation		
National Oceanic & Atmospheric Administration		
National Oceanic & Atmospheric Administration		
Oak Ridge Associated Universities	Office of Facilities Maintenance	
Oak Ridge Associated Universities	Office of Safety & Health	
Oak Ridge Associated Universities	REAC/TS	
Oak Ridge Associated Universities	Medical Sciences Division	
Oak Ridge Associated Universities	Executive Office	
Office of Scientific & Technical Information (OSTI)		
Office of Scientific & Technical Information (OSTI)		
Office of Scientific & Technical Information (OSTI)		
Office of Scientific & Technical Information (OSTI)		
Office of Scientific & Technical Information (OSTI)		

ESSENTIAL SERVICE BUSINESS LISTING
DOE AND DOE CONTRACTOR PERSONNEL - OAK RIDGE, TN

Company	Name	Business Number
Bechtel National, Inc.		
Cray Research, Inc.		
Cray Research, Inc.		
Cray Research, Inc.		
Department of Energy		
Department of Energy		
Department of Energy		
Department of Energy		
Department of Energy		
Department of Energy		
Department of Energy		
Department of Energy		
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Department of Energy		
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Department of Energy		
Department of Energy		
Department of Energy		
Department of Energy		
Department of Energy		

ESSENTIAL SERVICE BUSINESS LISTING
DOE AND DOE CONTRACTOR PERSONNEL - OAK RIDGE, TN

Company	Name	Business Number
Department of Energy		
Department of Energy		
Department of Energy		
Department of Energy		
Department of Energy		
Department of Energy		
Department of Energy	Joint Information Center	
Department of Energy	Joint Information Center	
Department of Energy	Joint Information Center	
Department of Energy	Joint Information Center	
Department of Energy	Joint Information Center	
Department of Energy	Joint Information Center	
Department of Energy	Joint Information Center	
Department of Energy	Joint Information Center	
Department of Energy	Joint Information Center	
Department of Energy	Joint Information Center	
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Department of Energy	Joint Information Center	
Department of Energy	Joint Information Center	
Department of Energy	Joint Information Center	

ESSENTIAL SERVICE BUSINESS LISTING
DOE AND DOE CONTRACTOR PERSONNEL - OAK RIDGE, TN

Company	Name	Business Number
Department of Energy	Joint Information Center	
Department of Energy	Joint Information Center	
Department of Energy	Joint Information Center	
Department of Energy	Joint Information Center	
Department of Energy	Joint Information Center	
DOE - Albuquerque Operations		
DOE - Albuquerque Operations		
DOE - Albuquerque Operations		
Federal Bureau of Investigation		
Federal Bureau of Investigation		
Federal Bureau of Investigation		
Industrial Contractors, Inc.		
Industrial Contractors, Inc.		
Industrial Contractors, Inc.		
Irving Burton Associates, Inc.		
Irving Burton Associates, Inc.		
Maxima Corporation		
Maxima Corporation		
National Oceanic & Atmospheric Administration		
National Oceanic & Atmospheric Administration		
Oak Ridge Associated Universities	Office of Facilities Maintenance	
Oak Ridge Associated Universities	Office of Safety & Health	
Oak Ridge Associated Universities	REAC/TS	
Oak Ridge Associated Universities	Medical Sciences Division	
Oak Ridge Associated Universities	Executive Office	
Office of Scientific & Technical Information (OSTI)		
Office of Scientific & Technical Information (OSTI)		
Office of Scientific & Technical Information (OSTI)		
Office of Scientific & Technical Information (OSTI)		
Office of Scientific & Technical Information (OSTI)		

ESSENTIAL SERVICE BUSINESS LISTING
DOE AND DOE CONTRACTOR PERSONNEL - OAK RIDGE, TN

Company	Name	Business Number
Office of Scientific & Technical Information (OSTI)		
Office of Scientific & Technical Information (OSTI)		
(RUST Engineering)		
Office of Scientific & Technical Information (OSTI)		
Office of Scientific & Technical Information (OSTI)		
Rust Engineering Company		
Rust Engineering Company		
Rust Engineering Company		
Rust Engineering Company		
Rust Engineering Company		
Rust Engineering Company		
Rust Engineering Company		
Rust Engineering Company		
Rust Engineering Company		
Rust Engineering Company		
Union Carbide Corporation		

Telephone Network Services
October 25, 1990

DATA CIRCUITS REQUIRING EMERGENCY SERVICE

CIRCUIT NUMBER	MISC ACCT NUMBER	TYPE SERVICE	DATE INSTALLED	TERMINATION	TERMINATION	MISC INFO
	M72-2848	T-1	11-06-85			
	M72-2179	T-1	1-14-86			
	M72-9500	T-1	8-29-86			
	M72-9500	T-1	8-29-86			
	M72-9500	T-1	8-29-86			
	M74-1034 IBM-U003	T-1	7-04-80			
	M74-1048 IBM-U003	T-1	7-04-80			
	M74-3495 IBM-U003	T-1	7-04-80			
	M74-9156	T-1	6-27-84			
	M74-0006	T-1	3-31-83			
	M72-1180	T-1	N95WJ561 DD 3-2-87			

DATA CIRCUITS REQUIRING EMERGENCY SERVICE
(Continued)

CIRCUIT NUMBER	MISC ACCT NUMBER	TYPE SERVICE	DATE INSTALLED	TERMINATION	TERMINATION	MISC INFO
	M72-8292	T-1	Due Date 5-5-87			
	M72-2254	T-1	N9VWB952 Due Date 10-30-87			
	M72-4440	T-1	N91R2568 DD 11-16-87			
	M72-0458	T-1	N968B214 DD 3-29-88			
	M72-0727	T-1	N9C84778 DD 4-22-88			
	M72-5366	T-1 Channelized	N9G4J636 DD 7-29-88			
	M72-3663	T-1	N9007253 DD 11-4-88			
	M72-7837	T-1	N9007266 DD 11-4-88			
	M72-2461	T-1	N9859634 DD 6-30-89			
	M72-3200	T-1	N9YPV050 Due Date 6-30-89			

DATA CIRCUITS REQUIRING EMERGENCY SERVICE
(Continued)

CIRCUIT NUMBER	MISC ACCT NUMBER	TYPE SERVICE	DATE INSTALLED	TERMINATION	TERMINATION	MISC INFO
	M72-3200	T-1	N9YPV050 Due Date 6-30-89			
	M72-3200	T-1	N9YPV050 Due Date 6-30-89			
	M72-6549	T-1	N9859524 DD 3-31-89			
	M72-7964	T-1	N9859537 DD 3-31-89			
	M72-6544	T-1	N9859540 DD 3-31-89			
	M72-7006	T-1	N9859553 DD 3-31-89			
	M72-4830	T-1	N9859566 DD 3-31-89			
	M72-3986	T-1	N9Y35690 Due Date 7-06-89			
	M72-3561	56K	8-14-85			
	M72-1677	56K	8-20-85			

DATA CIRCUITS REQUIRING EMERGENCY SERVICE
(Continued)

CIRCUIT NUMBER	MISC ACCT NUMBER	TYPE SERVICE	DATE INSTALLED	TERMINATION	TERMINATION	MISC INFO
	M72-7037	56K	9-11-85			
	M72-1430	56K	11-13-85			
	M72-5610	56K	3-20-86			
	M72-7089	56K	4-28-86			
	M72-1811	56K	4-28-86			
	M72-3247	56K	4-28-86			
	M72-4027	56K	5-08-86			
	M72-6763	56K	Due Date 9-29-86			
	M72-1329	56K	Due Date 10-2-86			
	M72-2211	56K	N9093801 DD 10-17-86			
	M72-1638	56K	N9093814 DD 10-17-86			

DATA CIRCUITS REQUIRING EMERGENCY SERVICE
(Continued)

CIRCUIT NUMBER	MISC ACCT NUMBER	TYPE SERVICE	DATE INSTALLED	TERMINATION	TERMINATION	MISC INFO
	M72-3048	56K	N9093827 DD 10-17-86			
	M72-5517	56K	N9Y05824 DD 10-17-86			
	M72-5818	56K	N9HCD395 DD 7-16-87			
	M72-2372	56K	N9Q3C265 DD 9-30-87			
	M72-1585	56K	N9Q3C605 DD 10-12-87			
	M72-6989	56K	N9VWF328 DD 10-30-87			
	M72-6721	56K	N9VWF331 DD 10-30-87			
	M72-9484	56K	N9276657 DD 12-17-87			
	M72-8810	56K	N9276644 DD 1-4-88			
	M72-4856	56K	N956J833 DD 1-11-88			
	M72-5673	56K	N956J846 DD 1-11-87			

DATA CIRCUITS REQUIRING EMERGENCY SERVICE
(Continued)

CIRCUIT NUMBER	MISC ACCT NUMBER	TYPE SERVICE	DATE INSTALLED	TERMINATION	TERMINATION	MISC INFO
	M72-3995	56K	N956J820 DD 1-11-88			
	M72-0495	56K	N9689435 Due Date 3-23-88			
	M72-7480	56K	N9689448 DD 3-23-88			
	M72-7803	56K	N9B7V667 DD 3-28-88			
	M72-0770	56K	N9B7T024 DD 4-12-88			
	M72-9601	56K	N9G4D342 DD 4-20-88			
	M72-8946	56K	N9G4D355 DD 4-20-88			
	M72-2303	56K	N9HDB374 DD 5-10-88			
	M72-3751	56K	N9QF2849 DD 8-11-88			
	M72-6751	56K	N91FX241 DD 12-21-88			
	M72-4996	56K	N9BJF158 DD 3-31-89			

DATA CIRCUITS REQUIRING EMERGENCY SERVICE
(Continued)

CIRCUIT NUMBER	MISC ACCT NUMBER	TYPE SERVICE	DATE INSTALLED	TERMINATION	TERMINATION	MISC INFO
	M72-0908	56K	N9BJF161 DD 3-31-89			
	M72-6366	56K	N9YJR825 DD 5-25-89			
	M72-1687	56K	N9Y3R948 DD 5-25-89			
	M72-	56K				
	M72-	56K				

APPENDIX 11

TELECOMMUNICATIONS WORK REQUEST FORM

__/__/__

Telecommunications Service Request Record

Request Number: __-____
Group Number: __-____
OCRO Number: __-____

Request Taken By:
Request Date: __/__/__

Type of Request:

Requester Name: Phone: ___-____

Contact Name: Phone: ___-____

Badge No.: _____ Rate Classification Code: _

Security Classification:

Phone/Circuit: [___-____]

Main Account: Requested Due Date: __/__/__

Account/W.O.: TNSD Code: 8021 IRCD Code: _

Call Pickup Group : Key System No: ____ Call Forward:

Line Class Code: ___ Cat Code: _

Present Location -Bldg. : _____ Room: ____

Using Location -Bldg. 1: _____ Room: ____
Termination Locations -Bldg. 2: _____ Room: ____
-Bldg. 3: _____ Room: ____
-Bldg. 4: _____ Room: ____

Install/Removal By:	SCB	RIMD	Maint	Other
Involvement:	_	_	_	_
Contact Name:	_____	_____	_____	_____
Transmitted By:	___	___	___	___
Transmitted Date:	__/__/__	__/__/__	__/__/__	__/__/__
Sched Compl. Date:	__/__/__	__/__/__	__/__/__	__/__/__
Actual Compl. Date:	__/__/__	__/__/__	__/__/__	__/__/__

911 Verification: _____

Network Technology: _____ Shop Order No: _____

Mux:_____ Node: __ Port: _____

ARCHIV.LST TC014

09/13/89

Telecommunications Service Request Record Continuation

Request Date: 08/11/89 Request Number: 02-4466

USOC Listing:

	+/-	Mult	USOC	Vendor	Description	Catalog	R/E
1.							
2.							
3.							
4.							
5.							
6.							
7.							
8.							
9.							
10.							
11.							
12.							
13.							
14.							
15.							

Remarks:

Non - Rec. Cost : $ .00

Audited By: ___ ESS Accepted Date: __/__/__

Date of Last Entry: 09/12/89

REQ.LST TC009

APPENDIX 12

MAINTENANCE/REPAIR FORM

TELECOMMUNICATIONS REPAIR SERVICE FORM

Person Reporting Trouble	Telephone Number
Date of Call	Time of Call
Division Code	Account/Work Order
Telephone Number or Private Line Circuit Number on Which the Problem is Occurring:	Main Account Number

LOCATION – Plant Location

Building Number	Room Number
TOWNSITE AREAS: Building Name	Room Number

Street Address

NATURE OF TROUBLE – Get as much information as possible. Our objective is to isolate the trouble to the telephone set or line.

Person to Contact When Field Visit Made	Telephone Number
Referred to BOC Repair Date	Time
BOC Approximate Repair Date	Time
Other Communications Referral Date	Time
Approximate Repair Date	Time

Prepared By SOC: Name	Date	Time

Replacement Voucher Made

Problem Resolution Date

UCN-15140
(1238 11-83)

APPENDIX 13

HEALTH PHYSICS TAGS/STICKERS

Appendix 13

Health Physics Tags/Stickers

In certain locations or buildings the possibility exists that telephone instruments and/or ancillary communications equipment could be contaminated.

Health Physics has identified these areas to TNSD to assure proper precautions and procedures are followed.

When a request for installation, relocation, modification, disconnection, maintenance and/or repair is received from a location that might be contaminated, TNSD will follow the procedures called for under "Labeling for Radiation and Radioactive Contamination Control."

TNSD will ensure that the appropriate Health Physics tags are applied and/or clearances made to equipment before notice is given to the Contractor to perform work or remove equipment as prescribed by an individual TWR. It is estimated that less than 5% of the official system requires clearance or access approval beyond that previously stated in order to perform work, but the delay to the customer and to the Contractor should be insignificant or at least minimal. Communications equipment outside possibly contaminated locations will be checked by Health Physics after delivery to the central stores repository.

The illustrations in this appendix are of the tags that are attached to equipment before the Contractor begins RIMD work. Cleaned equipment is returned to Stores for future reissue. The Contractor will not be responsible for the procedure.

This statement informs potential Contractor bidders of any and all deviations that may occur.

ORGDP HEALTH PHYSICS

MATERIAL TRANSFER

OFF SITE ONLY

RADIATION CLEARANCE

DESCRIPTION OF MATERIAL _____

_____

_____ I.D. NO. _____

REMARKS This item(s) available for Public release.

_____

_____

_____

_____

_____

FROM

_____

TO

_____

DATE _____ SURVEYED BY _____

HEALTH PHYSICS REPRESENTATIVE

UCN-11623 (1 6-89)

HEALTH PHYSICS
MATERIAL TRANSFER

IN-PLANT ONLY

DESCRIPTION OF MATERIAL _____

_____

_____ | I.D. NO. _____

REMARKS

This item(s) meets all plant Radiation Standards for in-plant transfers.

_____

_____

_____

_____

_____

FROM _____

TO _____

_____

DATE _____ BY _____

UCN-11623A (1 7-85)

ORGDP
HEALTH PHYSICS
MATERIAL TRANSFER
IN-PLANT ONLY

DATE _____ BY _____
UCN-16203 (1 3-87)

ORGDP
HEALTH PHYSICS
MATERIAL TRANSFER
IN-PLANT ONLY

DATE _____ BY _____
UCN-16203 (1 3-87)

ORGDP
HEALTH PHYSICS
MATERIAL TRANSFER
IN-PLANT ONLY

DATE _____ BY _____
UCN-16203 (1 3-87)

ORGDP
HEALTH PHYSICS
MATERIAL TRANSFER
IN-PLANT ONLY

DATE _____ BY _____
UCN-16203 (1 3-87)

ORGDP
HEALTH PHYSICS
MATERIAL TRANSFER
IN-PLANT ONLY

DATE _____ BY _____
UCN-16203 (1 3-87)

ORGDP
HEALTH PHYSICS
MATERIAL TRANSFER
IN-PLANT ONLY

DATE _____ BY _____
UCN-16203 (1 3-87)

ORGDP
HEALTH PHYSICS
MATERIAL TRANSFER
IN-PLANT ONLY

DATE _____ BY _____
UCN-16203 (1 3-87)

ORGDP
HEALTH PHYSICS
MATERIAL TRANSFER
IN-PLANT ONLY

DATE _____ BY _____
UCN-16203 (1 3-87)

ORGDP
HEALTH PHYSICS
MATERIAL TRANSFER
IN-PLANT ONLY

DATE _____ BY _____
UCN-16203 (1 3-87)

ORGDP
HEALTH PHYSICS
MATERIAL TRANSFER
IN-PLANT ONLY

DATE _____ BY _____
UCN-16203 (1 3-87)

ORGDP
HEALTH PHYSICS
MATERIAL TRANSFER
IN-PLANT ONLY

DATE _____ BY _____
UCN-16203 (1 3-87)

ORGDP
HEALTH PHYSICS
MATERIAL TRANSFER
IN-PLANT ONLY

DATE _____ BY _____
UCN-16203 (1 3-87)

ORGDP
HEALTH PHYSICS
MATERIAL TRANSFER
IN-PLANT ONLY

DATE _____ BY _____
UCN-16203 (1 3-87)

ORGDP
HEALTH PHYSICS
MATERIAL TRANSFER
IN-PLANT ONLY

DATE _____ BY _____
UCN-16203 (1 3-87)

ORGDP
HEALTH PHYSICS
MATERIAL TRANSFER
IN-PLANT ONLY

DATE _____ BY _____
UCN-16203 (1 3-87)

ORGDP
HEALTH PHYSICS
MATERIAL TRANSFER
IN-PLANT ONLY

DATE _____ BY _____
UCN-16203 (1 3-87)

ORGDP
HEALTH PHYSICS
MATERIAL TRANSFER
IN-PLANT ONLY

DATE _____ BY _____
UCN-16203 (1 3-87)

ORGDP
HEALTH PHYSICS
MATERIAL TRANSFER
OFF SITE ONLY
RADIATION CLEARANCE
DATE _____ BY _____
UCN-16202 (1 3-87)

DE-AC05-94OR21965

ATTACHMENT D

ATTACHMENT D

LIST OF GOVERNMENT FURNISHED PROPERTY

The following Government owned items are available for Contractor use on the ORF-ICN project if required:

1. **Building Wiring.** All Government owned intra-building wiring, distribution frames, and associated premise structures are available for Contractor use. Only building wiring which meets the requirements of Section 3.1.3 of Specification Y/EN-2351 is acceptable for ORF-ICN use.

2. **Analog Telephones.** Existing analog telephones are available for Contractor use within the constraints of paragraph 3.1.1.3 of Specification Y/EN-2351. As few as 1000 analog telephones (STU III, etc.) or as many as 18,500 are applicable, depending upon the Contractors selection of the analog and digital telephone mix to meet specifications.

3. **Embedded Equipment.** Other Government owned embedded equipment such as Merlin systems, A2 key systems, and status indicating equipment is available for Contractor use. Appendix 2, Intra-site Telecommunications Service Report, and Appendix 8, Special USOC Summary Listing in Specification Y/EN-2351 are sources for determining embedded equipment which is available for use.

4. **Other Equipment.** Required ISDN phones, cellular phones, radios, and pagers. (Reference drawing D2E145865 in Specification Y/EN-2351.)

DE-AC05-94OR21965

ATTACHMENT E

General Decision Number TN930001

Superseded General Decision No. TN910001

State: Tennessee

Construction Type:
Building

County(ies):
ANDERSON

BUILDING CONSTRUCTION PROJECTS (does not including residential construction consisting of single family homes and apartments up to and including 4 stories).

Modification Number	Publication Date
0	02/19/1993
1	03/19/1993
2	05/14/1993
3	06/11/1993
4	11/12/1993
5	12/03/1993

COUNTY(ies):
ANDERSON

ASBE0046D 05/01/1991

	Rates	Fringes
ASBESTOS/INSULATOR WORKERS	16.09	3.21

SCOPE OF WORK:
Includes application of all insulating materials, protective coverings, coatings and finishings to all types of mechanical systems.

BOIL0454C 11/01/1992

	Rates	Fringes
BOILERMAKERS	17.90	4.855

BRTN0003B 05/01/1988

	Rates	Fringes
BRICKLAYERS, STONEMASONS, MARBLE MASONS, TILE SETTERS, TERRAZZO WORKERS	13.86	.70

CARP0050B 05/01/1988

	Rates	Fringes
PILEDRIVERMEN	14.67	1.68

CARP1002B 05/01/1988

	Rates	Fringes
MILLWRIGHTS	15.59	1.68

CARP1002C 05/01/1989

	Rates	Fringes
CARPENTERS AND SOFT FLOOR LAYERS	14.42	1.68

ELEC0270A 01/01/1993

	Rates	Fringes
ANDERSON (Oak Ridge A.E.C. Area & Oak Ridge Townsite Only)		
ELECTRICIANS	$15.86	$3.05+3.5%
CABLE SPLICERS	16.82	3.05+3.5%

ELEC0270D 05/01/1992

	Rates	Fringes

LINE CONSTRUCTION:
ANDERSON (Oak Ridge A.E.C.
Area & Oak Ridge Townsite)

LINEMAN	16.52	2.05+4%
CABLE SPLICER	17.51	2.05+4%
EQUIPMENT OPERATOR	16.52	2.05+4%
GROUNDMAN	9.90	2.05+4%

ELEC0760B 01/01/1993

	Rates	Fringes
ANDERSON (REMAINDER OF COUNTY:		
ELECTRICIANS	15.96	2.40+3-1/2%
CABLE SPLICERS	16.46	2.40+3-1/2%

ELEC0760C 05/01/1991

	Rates	Fringes
LINE CONSTRUCTION:		
ANDERSON COUNTY (Remainder of County):		
LINEMAN, HEAVY EQUIPMENT OPERATORS & HOLE DIGGERS	14.81	2.25+3.5%
TRUCK DRIVERS WITH WINCH	10.37	2.25+3.5%
TRUCK DRIVERS W/O WINCH	9.63	2.25+3.5%
GROUNDSMAN	11.11	2.25+3.5%

ELEV0064A 06/08/1993

	Rates	Fringes
ELEVATOR CONSTRUCTORS:		
Mechanic	14.90	6.12+a

a. SEVEN PAID HOLIDAYS: New Year's Day; Memorial Day; Independence Day; Labor Day; Thanksgiving Day; Friday after Thanksgiving Day; Christmas Day., Vacation Pay Credit: Employer contributes 8% of the basic hourly rate for employees with 5 years or more of service, or 6% of the basic hourly rate for employees with 6 months to 5 years of service.

ENGI0917A 05/01/1992

	Rates	Fringes
POWER EQUIPMENT OPERATORS:		
GROUP AA	16.25	3.50
GROUP A	15.05	3.50
GROUP B	13.91	3.50
GROUP C	11.40	3.50
GROUP D	10.32	3.50

GROUP AA:

Backhoes, Cableways, Ross Carrier, Clamshells, Cranes, Derricks, Draglines, Tournapulls Pans, Scrapers, Scoops, Etc., Head Tower Machines, Locomotives (over 20 tons), Shovels, Mechanics, Winch Trucks with A-Frame, Skinner Scoops, Locomotive Cranes, Overhead Cranes, Pile Drivers, Skid Rigs, Euclid Loaders, Hoist (any size handling steel or stone), Derrick Boats, Engines used in connection with hoist material with an attached device on lower or Engine, Mucking Machines, Hi-Lifts or End Loaders, Finished Graders, Skylift, Gradall, Dozers, Earth Augers and Pole Machine Operators, Core Drill and Foundation Drills, Greaser.

GROUP A:
Tractors, Farm-Type Tractors with attachments, Central Compressor Plants, Elevators used for hoisting building Material, Central Mixing Plants Hoist, Pump Crete Machines, Concrete Pumps, Trenching Machines, Backfiller (other than cranes), Crushing Plant Operators, Elevating Graders, Paving Machine Operators (Blacktop), Fork-lift, Paving Machines (concrete), Boat Operator or Engineer (30 tons or over), Tracmobile, Maintainers, Blacktop Rollers, Switchman, Locomotive (under 20 tons).

GROUP C:
Asphalt Plant Operators, Barber Green Type Loaders, Engine Tender other than Stear, Mixers (over 2 bags not to include Central Plants), Pumps (2 or more), Rollers, Sub-Grader Machine, Tractors, Farm-Type Tractors without attachments, Cable Head Tower Engineman, Dredge Booster Pump Operator, Boat Operator or Engineer (under 30 tons), Finishing Machine, Fireman and Oiler combination, Motor Crane Oiler and Driver, Heaters (stationary or portable), Compressors (portable - 2 or more), or Fuel Trucks.

GROUP D:
Air Compressor (1 portable), Fireman, Portable Crushers, Welding Machines (1 portable), Conveyors, Pump (1), Heater (1).

ENGI0917D 05/01/1989

	Rates	Fringes
POWER EQUIPMENT OPERATORS: (Excluding Oak Ridge DOE)		
Group A	13.76	1.80
Group B	12.76	1.80
Group C	10.55	1.80
Group D	9.61	1.80

Group A - Backhoes; cableway; ross carrier; clamshells; cranes; derricks; draglines; turnapulls; pans; scrapers; scoops; head tower machines; end loaders; locomotive (over 20 tons); shovels;

dozers; fork lifts (over 8' lift); core drills; foundation drills; graders; mechanics; winch truck with A-frame; skimmer; scoops; locomotive cranes; overhead cranes; skid rigs; pile drivers; side boom tractors; euclid loaders; derrick boats; dredge boats; hoist (any size handling steel or stone); engines used in connection with hoist material with an attached device on tower or engine; hi-lifts or end loaders; finish graders on blue top; trenching machines; concrete pumping machines; mucking machines; cherry pickers; tower cranes; skylift; gradall.

Group B - Tractors; farm type tractors (with attachments); central compressor plants; elevators (used for hoisting building materials); central mixing plants; hoist (not handling steel or stone); pumpcrete machine; backfiller (other than cranes); tracmobile; crushing plant; elevating graders; earth augers; forklifts; sidewinders (concrete delivery/distribution vehicle); paving machine (blacktop/concrete; boat operator or engineer (30 tons or over); blacktop roller; switch-man; locomotive (under 20 tons); maintainers.

Group C - Asphalt plant; barber-green type loader; engine tender (other than steam); mixers (not over 2 bags, not to include central plants; greaser; pumps (not more than 3); scrafiers; spreaders box (bituminous); asphalt mixers; portable compressors (not more than 3); rooler; sub-grader machine; tractors (farm type without attachments; cable head tower engineman; dredge booster pump; boat operators or engineers (under 30 tons); finishing machines; fireman & oiler (combination); motor cranes oiler & driver; heaters (stationary or portable, not more than 5); compressors (portable, not more than 3); or fuel truck.

Group D - Air compressor (1 portable); fireman; portable crushers; conveyors; pump (1); oiler; heater (1).

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* IRON0384B 05/01/1993

	Rates	Fringes
IRONWORKERS:		
Commercial Construction: (See Scope of Work)		
Ironworker	13.95	3.68
All other Building Construction: Structural, Ornamental & Reinforcing	14.95	3.68

SCOPE OF WORK:
Commercial Construction - Includes Schools, Hospitals, Office Bldgs., Banks, Shopping Center, Warehouses, Department Stores, Telephone Bldgs., Motels, Hotels & Condominiums etc., Does not

include any site that manufactures a product and/or industrial projects.

LABO0818A 05/01/1992

	Rates	Fringes
LABORERS:		
GROUP 1	10.49	2.15
GROUP 2	10.67	2.15
GROUP 3	11.18	2.15

GROUP 1:
Laborer

GROUP 2:
Acetylene Burner, Air Tool Operator, Asphalt Raker, Chain Saw Operator and Filer, Flagman, Form Setter and Stripper, Grade man, Jackhammer, Mason Tender, Mortar Mixer, Pipelayer, Potman, Power Buggies, Plasterer Tender, Vibrator, Snakeman, Tamper and Compactor, Yarner, All Power Driven Tool Operators.

GROUP 3:
Blaster, Powderman, Cassion Hole Man, Chuck Tender, Concrete Gun Operator - Nozzleman, Tunnel Laborer, Tunnel Miner, Wagon Drill Operator.

LABO0818B 05/01/1990

	Rates	Fringes
LABORERS: (EXCLUDING OAK RIDGE DOE)		

PAIN0437B 05/01/1990

	Rates	Fringes
PAINTERS	13.78	3.36

PLAS0078C 05/01/1987

	Rates	Fringes
CEMENT MASONS	13.65	

PLAS0142A 05/01/1987

	Rates	Fringes
PLASTERERS	15.75	

PLUM0102B 05/01/1990

	Rates	Fringes
PLUMBERS, PIPEFITTERS, STEAMFITTERS	16.45	2.17

ROOF0228B 05/01/1990

	Rates	Fringes
ROOFERS	10.92	.25

SFTN0669A 04/01/1993

	Rates	Fringes
SPRINKLER FITTERS	16.97	6.03

SHEE0069A 05/01/1988

	Rates	Fringes
SHEET METAL WORKERS	15.15	2.66+3%

TEAM0519B 05/01/1989

	Rates	Fringes
TRUCK DRIVERS:		
Truck up to 3 tons and including 4 yd. dump dump trucks struck measure and pickup trucks	8.37	.90+a
Truck 3 to 5 tons and including 5 yd. dump trucks struck measure	8.79	.90+a
Truck 5 tons and over including dump trucks struck measure, special equipment as Ready-mix concrete trucks, Tank trucks, Semi-trailers, Any type truck pulling or towing equipment	9.15	.90+a
Greaser, tile repairman, tire changer and oiler	8.49	.90+a

FOOT NOTE:
a. Employee contributes $41.00 per week per employee.

Unlisted classifications needed for work not included within the scope of the classifications listed may be added after award only as provided in the labor standards contract clauses (29 CFR 5.5(a)(1)(ii)).

END OF GENERAL DECISION

DE-AC05-94OR21965

ATTACHMENT F

STANDARD FORM 98
Rev. Feb. 1973
U.S. DEPARTMENT OF LABOR
EMPLOYMENT STANDARDS ADMINISTRATION

NOTICE OF INTENTION TO MAKE A SERVICE CONTRACT AND RESPONSE TO NOTICE

(See Instructions on Reverse)

1. NOTICE NO. A 2316368

MAIL TO:

Administrator
Wage and Hour Division
U.S. Department of Labor
Washington, D.C. 20210

2. Estimated solicitation date (use numerals)

Month	Day	Year
06	01	1992

3. Estimated date bids or proposals to be opened or negotiations begun (use numerals)

Month	Day	Year
10	01	1992

4. Date contract performance to begin (use numerals)

Month	Day	Year
08	01	1993

5. PLACE(S) OF PERFORMANCE

DOE facilities located in Oak Ridge, Tennessee

Anderson County TN

6. SERVICES TO BE PERFORMED (describe)

Provide installation, relocation, modification, disconnection, maintenance, and repair services for on-site telecommunications, PBX and related equipment. TECH

7. INFORMATION ABOUT PERFORMANCE

A. [X] Services now performed by a contractor
B. [ ] Services now performed by Federal employees
C. [ ] Services not presently being performed

8. IF BOX A IN ITEM 7 IS MARKED, COMPLETE ITEM 8 AS APPLICABLE

a. Name and address of incumbent contractor

AT&T
Guilford Center
P. O. Box 20046
Greensboro, NC 27420

SCB Telephone Co.
Bldg. D, Suite 201
9000 Executive Park Dr.
Knoxville, TN 37923

b. Number(s) of any wage determination(s) in incumbent contract

85-597

RECEIVED
WAGE AND HOUR DIVISION, ESA
92 MAY 21 PM 1:36

c. Name(s) of union(s) if services are being performed under collective bargaining agreement(s). *Important:* Attach copies of current applicable collective bargaining agreements

9. OFFICIAL SUBMITTING NOTICE

SIGNED: Marcia M. Bearden
DATE: 5-5-92

TYPE OR PRINT NAME: Marcia M. Bearden
TELEPHONE NO.: 615-576-0664

10. TYPE OR PRINT NAME AND TITLE OF PERSON TO WHOM RESPONSE IS TO BE SENT AND NAME AND ADDRESS OF DEPARTMENT OR AGENCY, BUREAU, DIVISION, ETC.

U. S. Department of Energy
P. O. Box 2001
Oak Ridge, TN 37831-8791

ATTN: Marcia M. Bearden
AD-441

RESPONSE TO NOTICE
(by Department of Labor)

A. [X] The attached wage determination(s) listed below apply to procurement.
91-505 (Rev. 2)
91-409 (Rev. 3)
91-497 (Rev. 2)

B. [ ] As of this date, no wage determination applicable to the specified locality and classes of employees is in effect.

C. [ ] From information supplied, the Service Contract Act does not apply (*see attached explanation*).

D. [ ] Notice returned for additional information (*see attached explanation*).

Signed: [signature]
(U.S. Department of Labor)

Clarence J. Strain
(Date)

SEP 18 1992

96-103

STANDARD FORM 98a
February 1973
U.S. DEPARTMENT OF LABOR
Employment Standards Administration

NOTICE OF INTENTION TO MAKE A SERVICE CONTRACT AND RESPONSE TO NOTICE

(Attachment A)

11 NOTICE NO.

A 2316368

12 CLASSES OF SERVICE EMPLOYEES TO BE EMPLOYED ON CONTRACT	13 NUMBER OF EMPLOYEES IN EACH CLASS	14 HOURLY WAGE RATE THAT WOULD BE PAID IF FEDERALLY EMPLOYED
Cable Splicing Technician (buried and manhole)		
Cable Splicer (copper and fiber)		
Dedicated Customer Engineer		
Service Technician		
Circuit Engineer Technician		
Cable Installers		
Test Desk Technician		
Electronic Technician		
Master Console Technician		
Service Order Writer		
Secretary/Clerk		
Console Operators		
Computer Attendant		
(See attached definitions)		

98-201

U.S. DEPARTMENT OF LABOR
EMPLOYMENT STANDARDS ADMINISTRATION
WAGE AND HOUR DIVISION
WASHINGTON, D.C. 20210

REGISTER OF WAGE DETERMINATIONS UNDER
THE SERVICE CONTRACT ACT
By direction of the Secretary of Labor

Alan L. Moss
Director

Division of
Wage Determinations

LOCALITY

State: Tennessee

Area: 4/

Wage Determination No.: 91-0505 (Rev. 2) Date: 08/07/1992

Class of Service Employees	Minimum Hourly Wage	Fringe Benefit Payments			
		Health & Welfare	Vacation	Holiday	Other

urniture Maintenance and Repair, Machine Tool
peration and Repair Occupations, Material Handling and
acking Occupations, Mechanics and Maintenance and
epair Occupations, Transportation and Mobile Equipment
peration Occupations, and Plant and Systems Operation
ccupations:

1. Material Coordinator	$ 10.87
2. Order Filler	$ 7.10
3. Tool & Parts Attendant	$ 10.87
4. Warehouseman	$ 7.43
5. Electrostatic Spray Painter	$ 13.31
6. Furniture Handler	$ 10.87
7. Furniture Refinisher	$ 12.72
8. Furniture Refinisher, Helper	$ 10.87
9. Upholsterer	$ 12.72
10. Laborer	$ 6.86
11. Machine-Tool Operator (Toolroom)	$ 12.72
12. Tool and Die Maker	$ 15.69
13. Fuel Distribution System Operator	$ 12.72
14. Material Handling Laborer	$ 7.38

U.S. DEPARTMENT OF LABOR
EMPLOYMENT STANDARDS ADMINISTRATION
WAGE AND HOUR DIVISION
WASHINGTON, D.C. 20210

REGISTER OF WAGE DETERMINATIONS UNDER
THE SERVICE CONTRACT ACT
By direction of the Secretary of Labor

Alan L. Moss
Director

Division of
Wage Determinations

LOCALITY

State: Tennessee

Area: 4/

Wage Determination No.: 91-0505 (Rev. 2) Date: 08/07/1992

Class of Service Employees	Minimum Hourly Wage	Fringe Benefit Payments			
		Health & Welfare	Vacation	Holiday	Other
15. Power Truck Operator (other than Forklift)	$ 8.51				
16. Forklift Operator	$ 8.51				
17. Shipper and Receiver	$ 7.43				
18. Shipper	$ 7.43				
19. Receiver	$ 7.43				
20. Shipping Packer	$ 6.11				
21. Aircraft Mechanic	$ 13.90				
22. Aircraft Mechanic Helper	$ 10.87				
23. Aircraft Servicer	$ 12.05				
24. Aircraft Worker	$ 12.72				
25. Appliance Mechanic	$ 12.72				
26. Audiovisual Equipment Mechanic	$ 12.72				
27. Bicycle Repairer	$ 10.87				
28. Carpenter, Maintenance	$ 13.31				
29. Carpet Layer	$ 12.72				
30. Electrician, Maintenance	$ 13.90				
31. Electronics Mechanic	$ 13.90				
32. Electronics Worker	$ 12.72				
33. Fabric Worker	$ 10.87				
34. Fire Alarm System Mechanic	$ 13.90				
35. Fire Extinguisher Repairman	$ 12.05				
36. Fuel Distribution System Mechanic	$ 13.90				

U.S. DEPARTMENT OF LABOR
EMPLOYMENT STANDARDS ADMINISTRATION
WAGE AND HOUR DIVISION
WASHINGTON, D.C. 20210

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By direction of the Secretary of Labor

Alan L. Moss
Director

Division of
Wage Determinations

LOCALITY

State: Tennessee

Area: 4/

Wage Determination No.: 91-0505 (Rev. 2) Date: 08/07/1992

Class of Service Employees	Minimum Hourly Wage	Fringe Benefit Payments			
		Health & Welfare	Vacation	Holiday	Other
37. General Maintenance Worker	$ 12.72				
38. Heating/Refrigeration/Air Conditioning Mechanic	$ 13.90				
39. Heavy Equipment Mechanic	$ 13.90				
40. Instrument Mechanic	$ 13.90				
41. Locksmith	$ 12.72				
42. Mechanic, Maintenance (Machinery)	$ 13.90				
43. Machinist, Maintenance	$ 13.90				
44. Maintenance Trades Helper	$ 10.87				
45. Mason, Maintenance	$ 13.90				
46. Millwright	$ 13.90				
47. Office Appliance Repairer	$ 12.05				
48. Aircraft Painter	$ 13.31				
49. Painter, Maintenance	$ 13.31				
50. Pipefitter, Maintenance	$ 13.90				
51. Plumber, Maintenance	$ 13.31				
52. Pneudraulic System Mechanic	$ 13.90				
53. Rigger	$ 13.31				
54. Scale Mechanic	$ 12.72				
55. Sheet-Metal Worker, Maintenance	$ 13.90				
56. Small Engine Mechanic	$ 12.05				
57. Sound Technician	$ 13.90				

U.S. DEPARTMENT OF LABOR
EMPLOYMENT STANDARDS ADMINISTRATION
WAGE AND HOUR DIVISION
WASHINGTON, D.C. 20210

REGISTER OF WAGE DETERMINATIONS UNDER
THE SERVICE CONTRACT ACT
By direction of the Secretary of Labor

Alan L. Moss
Director

Division of
Wage Determinations

LOCALITY

State: Tennessee

Area: 4/

Wage Determination No.: 91-0505 (Rev. 2) Date: 08/07/1992

Class of Service Employees	Minimum Hourly Wage	Fringe Benefit Payments			
		Health & Welfare	Vacation	Holiday	Other
58. Welder, Combination, Maintenance	$ 13.90				
59. Woodcraft Worker	$ 13.31				
60. Woodworker	$ 12.72				
61. Boiler Tender	$ 13.31				
62. Sewage Plant Operator	$ 13.31				
63. Stationary Engineer	$ 13.90				
64. Water Treatment Plant Operator	$ 13.31				
65. Bus Drivers: Bus under 1 1/2 tons	$ 7.43				
66. Bus Drivers: Bus 1 1/2-4 tons	$ 7.84				
67. Bus Drivers: Bus over 4 tons	$ 8.42				
68. Heavy Equipment Operator	$ 13.90				
69. Truckdriver, light	$ 7.43				
70. Truckdriver, medium	$ 7.84				
71. Truckdriver, heavy	$ 8.42				
72. Truckdriver, Tractor-Trailer	$ 8.85				
73. Aircraft Inspector	$ 14.51				
74. Telephone Mechanic	$ 13.90				
75. Telephone Lineman	$ 13.90				
76. Cable Splicer	$ 13.90				

NOTE: The duties of employees under job titles listed are those described in the Service Contract Act Directory of Occupations, Second Edition, July 1986, unless otherwise indicated. See also 29 CFR Part 4 Section 4.152.

********** OCCUPATIONS NOT INCLUDED IN THE SCA DIRECTORY OF OCCUPATIONS **********

AIRCRAFT INSPECTOR

Requires the inspection of work accomplished on the aircraft except for electronics. This includes maintenance and repair of fixed and rotary wing aircraft systems, except for avionics, airframes, components and assemblies to ensure that work has satisfactorily been accomplished. Aircrafts worked on include a variety of models, are single and multi-engine types and have reciprocating or jet engines. Works under the supervision of Chief of Quiality Control. Must be a journeyman.

Lineman

This occupation includes jobs that involve installing, maintaining, and repairing aerial and underground communications lines and auxiliary equipment such as conduits, insulators, and poles. The work does not require completing line connections.

TELEPHONE MECHANIC

Responsible for telephone installation, removal, relocation, problem resolution, and cable maintenance and repair. Specifically, the telephone mechanic handles circuit testing, analyses results, repairs and modifies circuits and equipment in a step by step, XY, all relay and/or Electronic Switch system. Locates electrical, electronic, and mechanical failures in telephone switching and carrier equipment by observing and listening to equipment, using test equipment, schematic drawings, computer printouts, and troubletickets. Repairs equipment by replacing defective parts and such by procedures as setting clearances, adjusting spring tensions, wipers, relay contacts, and other interrelated mechanisms. Installs or rearranges equipment frames and shelves, and such equipment as line finders, switch banks, selectors, connectors, repeaters, peg counters, restricting post cams, and various interrelated trunk circuits. Performs traffic study analysis and office grading. Installs approved modifications and makes suggestions for improvements.
Resolves complex problems between exchange, both government and commercial.

May direct, instruct, and assist lower level employees with their overall assignments.

NOTE: The contracting officer shall require that any class of service employee which is not listed herein and which is to be employed under the contract (i.e., the work to be performed is not performed by any classification listed in the wage determination), be classified by the contractor so as to provide a reasonable relationship (i.e., appropriate level of skill comparison) between such unlisted classifications and the classifications listed in the wage determination. Such conformed classes of employees shall be paid the monetary wages and furnished the fringe benefits as are determined. Such conforming procedures shall be initiated by the contractor prior to the performance of contract work by such unlisted class(es) of employees. A written report of the proposed conforming action, including information regarding the agreement or disagreement of the authorized representative of the employees involved or, where there is no authorized representative, the employees themselves, shall be submitted by the contractor to the contracting officer no later than 30 days after such unlisted class(es) of employees performs any contract work. The contracting officer shall review the proposed action and promptly submit a report of the action, together with the agencys' recommendation and all pertinent information including the position of the contractor and the employees, to the Wage and Hour Division, Employment Standards Administration, U.S. Department of Labor, for review. (See section 4.6 (b)(2) of Regulations 29 CFR 4)

UNIFORM ALLOWANCE: If employees are required to wear uniforms in the performance of this contract (either by the terms of the Government contract, by the employer, by the state or local law, etc.), the cost of furnishing such uniforms and maintaining (by laundering or dry cleaning) such uniforms is an expense that may not be borne by an employee where such cost reduces the hourly rate below that required by the wage determination. The Department of Labor will accept payment in accordance with the following standards as compliance:

The contractor or subcontractor is required to furnish all employees with an adequate number of uniforms without cost or to reimburse employees for the actual cost of the uniforms. In addition, where uniform cleaning and maintenance is made the responsibility of the employee, all contractors and subcontractors subject to this wage determination shall (in the absence of a bona fide collective bargaining agreement providing for a different amount, or the furnishing of contrary affirmative proof as to the actual cost), reimburse all employees for such cleaning and maintenance at a rate of $3.80 a week (or 76 cents a day); and effective April 1, 1991, the note shall be $4.25 per week (or $.85 cents per day). However, in those instances where the uniforms furnished are made of "wash and wear" materials, may be routinely washed and dried with other personal garments, and do not require any special treatment such as dry cleaning, daily washing, or commercial laundering in order to meet the cleanliness or appearance standards set by the terms of the Government contract, by the contractor, by law, or by the nature of the work, there is no requirement that employees be reimbursed for uniform maintenance costs.

U.S. DEPARTMENT OF LABOR
EMPLOYMENT STANDARDS ADMINISTRATION
WAGE AND HOUR DIVISION
WASHINGTON, D.C. 20210

REGISTER OF WAGE DETERMINATIONS UNDER
THE SERVICE CONTRACT ACT
By direction of the Secretary of Labor

Alan L. Moss
Director

Division of
Wage Determinations

LOCALITY

State: Tennessee

Area: 4/

Wage Determination No.: 91-0505 (Rev. 2) Date: 08/07/1992

Class of Service Employees	Minimum Hourly Wage	Fringe Benefit Payments			
		Health & Welfare	Vacation	Holiday	Other

Fringe benefits applicable to all classes of service employees engaged in contract performance: 1/ 2/ 3/

1/ HEALTH & WELFARE: $0.83 per hour or $33.20 per week or $143.86 per month.

2/ VACATION: 2 weeks paid vacation after 1 year service with a contractor or successor; 3 weeks after 8 years; 4 weeks after 20 years. Length of service includes the whole span of continuous service with the present (successor) contractor, wherever employed, and with predecessor contractors in the performance of similar work at the same Federal facility. (Reg. 4.173)

3/ HOLIDAYS: 9 paid holidays per year: New Year's Day, Washington's Birthday, Memorial Day, Independence Day, Labor Day, Columbus Day, Veterans' Day, Thanksgiving Day, and Christmas Day. (A contractor may substitute for any of the named holidays another day off with pay in accordance with a plan communicated to the employees involved.)

4/ Anderson, Blount, Cambpell, Carter, Clairborne, Cocke, Cumberland, Fentress, Grainger, Greene, Hamblen, Hancock, Hawkins, Jefferson, Johnson, Knox, Loudon, Monroe, Morgan, Pickett, Roane, Scott, Sevier, Sullivan, Unicoi, Union, Washington,

Performs other duties as assigned.

CABLE SPLICER

Installs, maintains, repairs, and modifies cable systems. Uses engineered drawings, statements of work, and technical manuals to determine requirements for maintaining underground, buried, and aerial cable systems. Prepares and installs distribution equipment. Terminates tip cables on main distribution frames. Installs, maintains, and repairs dry air compressors and continuous flow and static pressurization systems. Ensures techniques, materials, and accomplishments are according to technical standards, and specifications and engineered directives. Locates, repairs, and/or replaces splice cases. Performs pneumatic troubleshooting to locate faulty splice cases and pressure component assemblies, using resistance measurements and pressure gradients. Repairs pressure component assemblies and adjusts pressure contractors. Determines course of signal deterioration in voice and data circuits over cable by using test equipment. Interprets compressor meter readings and adjusts controls. Troubleshoots pneumatic and electrical malfunctions in cable air-dryer compressors.

U.S. DEPARTMENT OF LABOR
EMPLOYMENT STANDARDS ADMINISTRATION
WAGE AND HOUR DIVISION
WASHINGTON, D.C. 20210

REGISTER OF WAGE DETERMINATIONS UNDER
THE SERVICE CONTRACT ACT
By direction of the Secretary of Labor

Alan L. Moss
Director

Division of
Wage Determinations

LOCALITY	State: Tennessee
	Area: 7/

Wage Determination No.: 91-0499 (Rev. 3) Date: 08/07/1

Class of Service Employees	Minimum Hourly Wage	Fringe Benefit Payments			
		Health & Welfare	Vacation	Holiday	Other

Automatic Data Processing Occupations, Information and Arts Occupations, Library and Archive Occupations, and Technical Occupations:

1.	Computer Data Librarian	$ 8.37
2.	Computer Operator I	$ 7.98
3.	Computer Operator II	$ 9.25
4.	Computer Operator III	$ 11.29
5.	Computer Operator IV	$ 12.13
6.	Computer Programmer I 1/	$ 11.03
7.	Computer Programmer II 1/	$ 13.78
8.	Computer Programmer III 1/	$ 15.65
9.	Computer Programmer IV 1/	$ 16.80
10.	Computer Systems Analyst I 1/	$ 12.13
11.	Computer Systems Analyst II 1/	$ 13.40
12.	Computer Systems Analyst III 1/	$ 14.72
13.	Computer Systems Analyst IV 1/	$ 17.04
14.	Key Entry Operator I 5/6/	
15.	Key Entry Operator II 5/6/	
16.	Peripheral Equipment Operator	$ 10.91
17.	Exhibits Specialist I	$ 11.26
18.	Exhibits Specialist II	$ 14.05
19.	Exhibits Specialist III	$ 17.08
20.	Illustrator I	$ 11.26

Amendment 003
Page 12 of 22

U.S. DEPARTMENT OF LABOR
EMPLOYMENT STANDARDS ADMINISTRATION
WAGE AND HOUR DIVISION
WASHINGTON, D.C. 20210

REGISTER OF WAGE DETERMINATIONS UNDER
THE SERVICE CONTRACT ACT
By direction of the Secretary of Labor

Alan L. Moss
Director

Division of
Wage Determinations

LOCALITY

State: Tennessee

Area: 7/

Wage Determination No.: 91-0499 (Rev. 3) Date: 08/07/19

Class of Service Employees	Minimum Hourly Wage	Fringe Benefit Payments			
		Health & Welfare	Vacation	Holiday	Other
21. Illustrator II	$ 14.05				
22. Illustrator III	$ 17.08				
23. Photographer I	$ 11.26				
24. Photographer II	$ 14.05				
25. Photographer III	$ 17.08				
26. Audiovisual Librarian	$ 11.03				
27. Librarian	$ 12.18				
28. Library Technician	$ 8.71				
29. Technical Information Specialist I	$ 11.26				
30. Technical Information Specialist II	$ 14.05				
31. Technical Information Specialist III	$ 17.08				
32. Laboratory Tester	$ 8.71				
33. Technical Writer	$ 12.18				
34. Drafter I	$ 8.36				
35. Drafter II	$ 9.75				
36. Drafter III	$ 11.26				
37. Drafter IV	$ 14.05				
38. Drafter V	$ 17.08				
39. Technician I 8/	$ 10.29				
40. Technician II 8/	$ 13.40				
41. Technician III 8/	$ 14.72				

Amendment 003
Page 13 of 22

U.S. DEPARTMENT OF LABOR
EMPLOYMENT STANDARDS ADMINISTRATION
WAGE AND HOUR DIVISION
WASHINGTON, D.C. 20210

REGISTER OF WAGE DETERMINATIONS UNDER
THE SERVICE CONTRACT ACT
By direction of the Secretary of Labor

Alan L. Moss
Director

Division of
Wage Determinations

LOCALITY

State: Tennessee

Area: 7/

Wage Determination No.: 91-0499 (Rev. 3) Date: 08/07/1992

Class of Service Employees	Minimum Hourly Wage	Fringe Benefit Payments			
		Health & Welfare	Vacation	Holiday	Other
42. Instructor	$ 11.03				

Fringe benefits applicable to all classes of service employees engaged in contract performance: 2/ 3/ 4/

1/ Does not apply to employees employed in a bona fide executive, administrative, or professional capacity as defined and delineated in 29 CFR 541. (See 29 CFR 4.156)

2/ HEALTH & WELFARE: $0.83 per hour or $33.20 per week or $143.86 per month.

3/ VACATION: 2 weeks paid vacation after 1 year service with a contractor or successor; 3 weeks after 8 years; 4 weeks after 20 years. Length of service includes the whole span of continuous service with the present (successor) contractor, wherever employed, and with predecessor contractors in the performance of similar work at the same Federal facility. (Reg. 4.173)

4/ HOLIDAYS: 9 paid holidays per year: New Year's Day, Washington's Birthday, Memorial Day, Independence Day, Labor Day, Columbus Day, Veterans' Day, Thanksgiving Day, and Christmas Day. (A contractor may substitute for any of the named holidays another day off with pay in accordance with a plan communicated to the employees involved.)

5/ Wage rates for Carter, Johnson, Unicoi, and Washington only: Key Entry Operator I ($5.85); Key Enter Operator II ($6.93).

U.S. DEPARTMENT OF LABOR
EMPLOYMENT STANDARDS ADMINISTRATION
WAGE AND HOUR DIVISION
WASHINGTON, D.C. 20210

REGISTER OF WAGE DETERMINATIONS UNDER
THE SERVICE CONTRACT ACT
By direction of the Secretary of Labor

Alan L. Moss
Director

Division of
Wage Determinations

LOCALITY	State: Tennessee
	Area: 7/

Wage Determination No.: 91-0499 (Rev. 3) Date: 08/07/19

Class of Service Employees	Minimum Hourly Wage	Fringe Benefit Payments			
		Health & Welfare	Vacation	Holiday	Other

6/ Wage rates for the remaining counties: Key Entry Operator I ($7.30); Eey Entry Operator II ($7.73).

7/ Anderson, Blount, Cambpell, Carter, Clairborne, Cocke, Cumberland, Fentress, Grainger, Greene, Hamblen, Hancock, Hawkins, Jefferson, Johnson, Knox, Loudon, Monroe, Morgan, Pickett, Roane, Scott, Sevier, Sullivan, Unicoi, Union, Washington,

8/ The Technician classification includes all of the following: Electronics, Electromechanical, Environmental, Instrumentation, Mathematical, Mechanical, and Photo-Optics

NOTE: The contracting officer shall require that any class of service employee which is not listed herein and which is to be employed under the contract (i.e., the work to be performed is not performed by any classification listed in the wage determination), be classified by the contractor so as to provide a reasonable relationship (i.e., appropriate level of skill comparison) between such unlisted classifications and the classifications listed in the wage determination. Such conformed classes of employees shall be paid the monetary wages and furnished the fringe benefits as are determined. Such conforming procedures shall be initiated by the contractor prior to the performance of contract work by such unlisted class(es) of employees. A written report of the proposed conforming action, including information regarding the agreement or disagreement of the authorized representative of the employees involved or, where there is no authorized representative, the employees themselves, shall be submitted by the contractor to the contracting officer no later than 30 days after such unlisted class(es) of employees performs any contract work. The contracting officer shall review the proposed action and promptly submit a report of the action, together with the agencys' recommendation and all pertinent information including the position of the contractor and the employees, to the Wage and Hour Division, Employment Standards Administration, U.S. Department of Labor, for review. (See section 4.6 (b)(2) of Regulations 29 CFR 4)

UNIFORM ALLOWANCE: If employees are required to wear uniforms in the performance of this contract (either by the terms of the Government contract, by the employer, by the state or local law, etc.), the cost of furnishing such uniforms and maintaining (by laundering or dry cleaning) such uniforms is an expense that may not be borne by an employee where such cost reduces the hourly rate below that required by the wage determination. The Department of Labor will accept payment in accordance with the following standards as compliance:

The contractor or subcontractor is required to furnish all employees with an adequate number of uniforms without cost or to reimburse employees for the actual cost of the uniforms. In addition, where uniform cleaning and maintenance is made the responsibility of the employee, all contractors and subcontractors subject to this wage determination shall (in the absence of a bona fide collective bargaining agreement providing for a different amount, or the furnishing of contrary affirmative proof as to the actual cost), reimburse all employees for such cleaning and maintenance at a rate of $3.80 a week (or 76 cents a day); and effective April 1, 1991, the note shall be $4.25 per week (or $.85 cents per day). However, in those instances where the uniforms furnished are made of "wash and wear" materials, may be routinely washed and dried with other personal garments, and do not require any special treatment such as dry cleaning, daily washing, or commercial laundering in order to meet the cleanliness or appearance standards set by the terms of the Government contract, by the contractor, by law, or by the nature of the work, there is no requirement that employees be reimbursed for uniform maintenance costs.

Amendment 003 Page 16 of 22

NOTE: The duties of employees under job titles listed are those described in the Service Contract Act Directory of Occupations, Second Edition, July 1986, unless otherwise indicated. See also 29 CFR Part 4 Section 4.152.

Amendment
Page 17 of 22

U.S. DEPARTMENT OF LABOR
EMPLOYMENT STANDARDS ADMINISTRATION
WAGE AND HOUR DIVISION
WASHINGTON, D.C. 20210

REGISTER OF WAGE DETERMINATIONS UNDER
THE SERVICE CONTRACT ACT
By direction of the Secretary of Labor

Alan L. Moss
Director

Division of
Wage Determinations

LOCALITY

State: Tennessee

Area: 4/

Wage Determination No.: 91-0497 (Rev. 2) Date: 08/07/1

Class of Service Employees	Minimum Hourly Wage	Fringe Benefit Payments			
		Health & Welfare	Vacation	Holiday	Other

Administrative Support and Clerical Occupations:

1.	Accounting Clerk I	$ 6.24
2.	Accounting Clerk II	$ 7.35
3.	Accounting Clerk III	$ 8.70
4.	Accounting Clerk IV	$ 10.67
5.	Dispatcher, Motor Vehicle	$ 8.55
6.	Driver Messenger	$ 8.55
7.	File Clerk I	$ 6.00
8.	File Clerk II	$ 6.72
9.	File Clerk III	$ 7.35
10.	Audiovisual Services Clerk (Film/Tape Librarian)	$ 7.49
11.	Inventory Clerk	$ 6.80
12.	Mail Clerk	$ 7.21
13.	Messenger	$ 5.45
14.	Order Clerk I	$ 6.61
15.	Order Clerk II	$ 9.57
16.	Payroll Clerk	$ 8.26
17.	Production Control Clerk	$ 8.55
18.	Receptionist	$ 6.80
19.	Scheduler, Maintenance	$ 7.64
20.	Secretary I	$ 8.48
21.	Secretary II	$ 9.35

Amendment 003
Page 18 of 22

U.S. DEPARTMENT OF LABOR
EMPLOYMENT STANDARDS ADMINISTRATION
WAGE AND HOUR DIVISION
WASHINGTON, D.C. 20210

REGISTER OF WAGE DETERMINATIONS UNDER
THE SERVICE CONTRACT ACT
By direction of the Secretary of Labor

Alan L. Moss
Director

Division of
Wage Determinations

LOCALITY

State: Tennessee

Area: 4/

Wage Determination No.: 91-0497 (Rev. 2) Date: 08/07/19..

Class of Service Employees	Minimum Hourly Wage	Fringe Benefit Payments			
		Health & Welfare	Vacation	Holiday	Other
22. Secretary III	$ 11.13				
23. Secretary IV	$ 11.57				
24. Secretary V	$ 14.78				
25. Service Order Dispatcher	$ 6.80				
26. Stenographer I	$ 8.30				
27. Stenographer II	$ 8.76				
28. Supply Clerk/Storeworker/ Shelf Stocker/Store Clerk	$ 6.80				
29. Supply Technician	$ 9.28				
30. Switchboard Operator	$ 5.69				
31. Switchboard Operator-Receptionist	$ 6.80				
32. Transcribing-Machine Typist	$ 6.73				
33. Typist I	$ 6.23				
34. Typist II	$ 6.80				
35. Word Processor I	$ 7.50				
36. Word Processor II	$ 8.53				
37. Reservation Agent-in-charge	$ 14.78				
38. Lead Reservation Clerk	$ 11.57				
39. Reservation Clerk	$ 11.13				

Amendment 003
Page 19 of 22

U.S. DEPARTMENT OF LABOR
EMPLOYMENT STANDARDS ADMINISTRATION
WAGE AND HOUR DIVISION
WASHINGTON, D.C. 20210

REGISTER OF WAGE DETERMINATIONS UNDER THE SERVICE CONTRACT ACT
By direction of the Secretary of Labor

Alan L. Moss
Director

Division of
Wage Determinations

LOCALITY	State: Tennessee
	Area: 4/

Wage Determination No.: 91-0497 (Rev. 2) Date: 08/07/19[illegible]2

Class of Service Employees	Minimum Hourly Wage	Fringe Benefit Payments			
		Health & Welfare	Vacation	Holiday	Other

Fringe benefits applicable to all classes of service employees engaged in contract performance: 1/ 2/ 3/

1/ HEALTH & WELFARE: $0.83 per hour or $33.20 per week or $143.86 per month.

2/ VACATION: 2 weeks paid vacation after 1 year service with a contractor or successor; 3 weeks after 8 years; 4 weeks after 20 years. Length of service includes the whole span of continuous service with the present (successor) contractor, wherever employed, and with predecessor contractors in the performance of similar work at the same Federal facility. (Reg. 4.173)

3/ HOLIDAYS: 9 paid holidays per year: New Year's Day, Washington's Birthday, Memorial Day, Independence Day, Labor Day, Columbus Day, Veterans' Day, Thanksgiving Day, and Christmas Day. (A contractor may substitute for any of the named holidays another day off with pay in accordance with a plan communicated to the employees involved.)

4/ Anderson, Blount, Cambpell, Carter, Clairborne, Cocke, Cumberland, Fentress, Grainger, Greene, Hamblen, Hancock, Hawkins, Jefferson, Johnson, Knox, Loudon, Monroe, Morgan, Pickett, Roane, Scott, Sevier, Sullivan, Unicoi, Union, Washington,

Attachment 003
Page 20 of 22

NOTE: The contracting officer shall require that any class of service employee which is not listed herein and which is to be employed under the contract (i.e., the work to be performed is not performed by any classification listed in the wage determination), be classified by the contractor so as to provide a reasonable relationship (i.e., appropriate level of skill comparison) between such unlisted classifications and the classifications listed in the wage determination. Such conformed classes of employees shall be paid the monetary wages and furnished the fringe benefits as are determined. Such conforming procedures shall be initiated by the contractor prior to the performance of contract work by such unlisted class(es) of employees. A written report of the proposed conforming action, including information regarding the agreement or disagreement of the authorized representative of the employees involved or, where there is no authorized representative, the employees themselves, shall be submitted by the contractor to the contracting officer no later than 30 days after such unlisted class(es) of employees performs any contract work. The contracting officer shall review the proposed action and promptly submit a report of the action, together with the agencys' recommendation and all pertinent information including the position of the contractor and the employees, to the Wage and Hour Division, Employment Standards Administration, U.S. Department of Labor, for review. (See section 4.6 (b)(2) of Regulations 29 CFR 4)

UNIFORM ALLOWANCE: If employees are required to wear uniforms in the performance of this contract (either by the terms of the Government contract, by the employer, by the state or local law, etc.), the cost of furnishing such uniforms and maintaining (by laundering or dry cleaning) such uniforms is an expense that may not be borne by an employee where such cost reduces the hourly rate below that required by the wage determination. The Department of Labor will accept payment in accordance with the following standards as compliance:

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Attachment 200
Page 21 of 22

NOTE: The duties of employees under job titles listed are those described in the Service Contract Act Directory of Occupations, Second Edition, July 1986, unless otherwise indicated. See also 29 CFR Part 4 Section 4.152.

********** OCCUPATIONS NOT INCLUDED IN THE SCA DIRECTORY OF OCCUPATIONS **********

RESERVATION AGENT-IN-CHARGE

Develops itineraries for worldwide travel regardless of complexity and, using an airline reservation computer system, arranges reservation and ticketing service to meet business requirements and schedules. Determines authorized and cost effective modes, carriers and routings and arranges rental car service. Is the working supervisor for a travel section consisting of two or more reservation clerks, or may be designated as a site supervisor at a small branch location.

LEAD RESERVATION CLERK

Develops more difficult and unique itineraries for worldwide travel and using an airline reservation computer system, arranges reservation and ticketing service to meet business requirements and schedules. Determines authorized and cost effective modes, carriers and routings and arranges rental car service. Acts as a "trouble shooter" for other reservation clerks and provides guidance and assistance with unusual or difficult routings.

RESERVATION CLERK

Develops relatively routine and less complicated itineraries for worldwide travel and, using an airline reservation computer system, arranges business requirements and schedules. Determines authorized and cost effective modes, carriers and routings and arranges rental car service.

DE-AC05-94OR21965

ATTACHMENT G

ATTACHMENT G

PART II

CONTRACT CLAUSES

(DOE SET 301)

FIXED-PRICE SUPPLY CONTRACTS

CONTENTS

				PAGE
1.	DEAR	952.202-1	DEFINITIONS (SEP 1991)	1
2.	FAR	52.203-1	OFFICIALS NOT TO BENEFIT (APR 1984)	1
3.	FAR	52.203-3	GRATUITIES (APR 1984)	1
4.	FAR	52.203-5	COVENANT AGAINST CONTINGENT FEES (APR 1984)	1
5.	FAR	52.203-6	RESTRICTIONS ON SUBCONTRACTOR SALES TO THE GOVERNMENT (JUL 1985)	1
6.	FAR	52.203-7	ANTI-KICKBACK PROCEDURES (OCT 1988)	1
7.	FAR	52.203-9	REQUIREMENT FOR CERTIFICATE OF PROCUREMENT INTEGRITY–MODIFICATION (NOV 1990)	2
8.	FAR	52.203-10	PRICE OR FEE ADJUSTMENT FOR ILLEGAL OR IMPROPER ACTIVITY (SEP 1990)	2
9.	FAR	52.203-12	LIMITATION ON PAYMENTS TO INFLUENCE CERTAIN FEDERAL TRANSACTIONS (JAN 1990)	3
10.	DEAR	952.208-70	PRINTING (APR 1984)	5
11.	FAR	52.209-6	PROTECTING THE GOVERNMENT'S INTEREST WHEN SUBCONTRACTING WITH CONTRACTORS DEBARRED, SUSPENDED, OR PROPOSED FOR DEBARMENT (NOV 1992)	5
12.	FAR	52.210-5	NEW MATERIAL (APR 1984)	5
13.	FAR	52.212-13	STOP-WORK ORDER (AUG 1989)	5
14.	FAR	52.214-26	AUDIT-SEALED BIDDING (APR 1985)	5
15.	FAR	52.214-27	PRICE REDUCTION FOR DEFECTIVE COST OR PRICING DATA–MODIFICATIONS–SEALED BIDDING (DEC 1991)	6
16.	FAR	52.214-28	SUBCONTRACTOR COST OR PRICING DATA-MODIFICATIONS SEALED BIDDING (DEC 1991)	6
17.	FAR	52.214-29	ORDER OF PRECEDENCE–SEALED BIDDING (JAN 1986)	7
18.	FAR	52.215-1	EXAMINATION OF RECORDS BY COMPTROLLER GENERAL (FEB 1993)	7
19.	FAR	52.215-2	AUDIT–NEGOTIATION (FEB 1993)	7
20.	FAR	52.215-22	PRICE REDUCTION FOR DEFECTIVE COST OR PRICING DATA (JAN 1991)	7
21.	FAR	52.215-23	PRICE REDUCTION FOR DEFECTIVE COST OR PRICING DATA–MODIFICATIONS (DEC 1991)	8
22.	FAR	52.215-24	SUBCONTRACTOR COST OR PRICING DATA (DEC 1991)	9
23.	FAR	52.215-25	SUBCONTRACTOR COST OR PRICING DATA-MODIFICATIONS (DEC 1991)	9
24.	FAR	52.215-26	INTEGRITY OF UNIT PRICES AND ALTERNATE I (APR 1991)	9
		And Alternate I	(APR 1991)	10
25.	FAR	52.215-27	TERMINATION OF DEFINED BENEFIT PENSION PLANS (SEP 1989)	10
26.	FAR	52.215-33	ORDER OF PRECEDENCE (JAN 1986)	10
27.	FAR	52.219-8	UTILIZATION OF SMALL BUSINESS CONCERNS AND SMALL DISADVANTAGED BUSINESS CONCERNS (FEB 1990)	10
28.	FAR	52.219-9	SMALL BUSINESS AND SMALL DISADVANTAGED BUSINESS	
		And Alternate I	SUBCONTRACTING PLAN (JAN 1991), AND ALTERNATE I	10
			(AUG 1989)	11
29.	FAR	52.219-13	UTILIZATION OF WOMEN-OWNED SMALL BUSINESSES (AUG 1986)	11
30.	FAR	52.219-16	LIQUIDATED DAMAGES-SMALL BUSINESS SUBCONTRACTING PLAN (AUG 1989)	12
31.	FAR	52.220-3	UTILIZATION OF LABOR SURPLUS AREA CONCERNS (APR 1984)	12
32.	FAR	52.222-1	NOTICE TO THE GOVERNMENT OF LABOR DISPUTES (APR 1984)	12
33.	FAR	52.222-20	WALSH-HEALEY PUBLIC CONTRACTS ACT (APR 1984)	12

34.	FAR	52.222-26	EQUAL OPPORTUNITY (APR 1984)	13
35.	FAR	52.222-28	EQUAL OPPORTUNITY PREAWARD CLEARANCE OF SUBCONTRACTS (APR 1984)	13
36.	FAR	52.222-35	AFFIRMATIVE ACTION FOR SPECIAL DISABLED AND VIETNAM ERA VETERANS (APR 1984)	13
37.	FAR	52.222-36	AFFIRMATIVE ACTION FOR HANDICAPPED WORKERS (APR 1984)	14
38.	FAR	52.222-37	EMPLOYMENT REPORTS ON SPECIAL DISABLED VETERANS AND VETERANS OF THE VIETNAM ERA (JAN 1988)	15
39.	FAR	52.223-2	CLEAN AIR AND WATER (APR 1984)	15
40.	FAR	52.223-6	DRUG-FREE WORKPLACE (JUL 1990)	15
41.	FAR	52.225-3	BUY AMERICAN ACT–SUPPLIES (JAN 1989)	16
42.	FAR	52.225-11	RESTRICTIONS ON CERTAIN FOREIGN PURCHASES (MAY 1992)	16
43.	FAR	52.225-17	BUY AMERICAN ACT–SUPPLIES UNDER EUROPEAN COMMUNITY AGREEMENT (MAY 1993) [APPLICABLE TO POWER MARKETING ADMINISTRATION AWARDS EXCEEDING $450,000 AND OTHER AWARDS EXCEEDING $176,000]	16
44.	FAR	52.225-18	EUROPEAN COMMUNITY SANCTIONS FOR END PRODUCTS (MAY 1993) [APPLICABLE TO POWER MARKETING ADMINISTRATION AWARDS LESS THAN $450,000 AND OTHER AWARDS LESS THAN $176,000]	17
45.	FAR	52.229-3	FEDERAL, STATE, AND LOCAL TAXES (JAN 1991)	17
46.	FAR	52.229-5	TAXES-CONTRACTS PERFORMED IN U.S. POSSESSIONS OR PUERTO RICO (APR 1984)	17
47.	FAR	52.232-1	PAYMENTS (APR 1984)	17
48.	FAR	52.232-8	DISCOUNTS FOR PROMPT PAYMENT (APR 1989)	17
49.	FAR	52.232-11	EXTRAS (APR 1984)	18
50.	FAR	52.232-17	INTEREST (JAN 1991)	18
51.	FAR	52.232-23	ASSIGNMENT OF CLAIMS (JAN 1986)	18
52.	FAR	52.232-25	PROMPT PAYMENT (SEP 1992)	18
53.	FAR	52.232-28	ELECTRONIC FUNDS TRANSFER PAYMENT METHODS (APR 1989)	20
54.	FAR	52.233-1	DISPUTES ALTERNATE I (DEC 1991)	20
55.	FAR	52.233-3	PROTEST AFTER AWARD (AUG 1989)	21
56.	FAR	52.243-1	CHANGES–FIXED-PRICE (AUG 1987)	21
57.	FAR	52.244-1	SUBCONTRACTS (FIXED-PRICE CONTRACTS) (APR 1991)	21
58.	FAR	52.244-5	COMPETITION IN SUBCONTRACTING (APR 1984)	22
59.	DEAR	952.245-2	GOVERNMENT PROPERTY (FIXED-PRICE CONTRACTS) (DEC 1989)	22
60.	FAR	52.246-2	INSPECTION OF SUPPLIES–FIXED-PRICE (JUL 1985)	23
61.	FAR	52.246-16	RESPONSIBILITY FOR SUPPLIES (APR 1984)	24
62.	FAR	52.247-63	PREFERENCE FOR U.S.-FLAG AIR CARRIERS (APR 1984)	24
63.	FAR	52.247-64	PREFERENCE FOR PRIVATELY OWNED U.S.-FLAG COMMERCIAL VESSELS (APR 1984)	24
64.	FAR	52.249-2	TERMINATION FOR CONVENIENCE OF THE GOVERNMENT (FIXED-PRICE) (APR 1984)	25
65.	FAR	52.249-8	DEFAULT (FIXED-PRICE SUPPLY AND SERVICE) (APR 1984)	26
66.	DOE PR	9-9.102-1	AUTHORIZATION AND CONSENT (JUN 1979)	27
67.	DOE PR	9-9.103-1	PATENT INDEMNITY (JUN 1979)	27
68.	DOE PR	9-9.103-3	PATENT INDEMNITY (JUN 1979)	27
69.	DOE PR	9-9.104	NOTICE AND ASSISTANCE REGARDING PATENT AND COPYRIGHT INFRINGEMENT (JUN 1979)	27
70.	DOE PR	9-9.110(c)	REPORTING OF ROYALTIES (JUN 1979)	28
71.	FAR	52.227-14	RIGHTS IN DATA–GENERAL-ALTERNATES I AND V (JUN 1987)	28
72.	FAR	52.227-17	RIGHTS IN DATA–SPECIAL WORKS (JUN 1987)	30
73.	FAR	52.227-23	RIGHTS TO PROPOSAL DATA (TECHNICAL) (JUN 1987)	30

1. DEAR 952.202-1 DEFINITION EP 1985)

(a) "Head of Agency" means the Secretary, Deputy Secretary or Under Secretary of the Department of Energy and the Chairman, Federal Energy Regulatory Commission.

(b) "Contracting Officer" means a person with the authority to enter into, administer, and/or terminate contracts and make related determinations and findings. The term includes certain authorized representatives of the Contracting Officer acting within the limits of their authority as delegated by the Contracting Officer.

(c) Except as otherwise provided in this contract, the term "subcontracts" includes, but is not limited to, purchase orders and changes and modifications to purchase orders under this contract.

(d) The term "DOE" means the Department of Energy and "FERC" means the Federal Energy Regulatory Commission.

2. FAR 52.203-1 OFFICIALS NOT TO BENEFIT (APR 1984)

No member of or delegate to Congress, or resident commissioner, shall be admitted to any share or part of this contract, or to any benefit arising from it. However, this clause does not apply to this contract to the extent that this contract is made with a corporation for the corporation's general benefit.

3. FAR 52.203-3 GRATUITIES (APR 1984)

(a) The right of the Contractor to proceed may be terminated by written notice if, after notice and hearing, the agency head or a designee determines that the Contractor, its agent, or another representative–

(1) Offered or gave a gratuity (e.g., an entertainment or gift) to an officer, official, or employee of the Government; and

(2) Intended, by the gratuity, to obtain a contract or favorable treatment under a contract.

(b) The facts supporting this determination may be reviewed by any court having lawful jurisdiction.

(c) If this contract is terminated under paragraph (a) above, the Government is entitled–

(1) To pursue the same remedies as in a breach of the contract; and

(2) In addition to any other damages provided by law, to exemplary damages of not less than 3 nor more than 10 times the cost incurred by the Contractor in giving gratuities to the person concerned, as determined by the agency head or a designee.

(This subparagraph (c)(2) is applicable only if this contract uses money appropriated to the Department of Defense.)

(d) The rights and remedies of the Government provided in this clause shall not be exclusive and are in addition to any other rights and remedies provided by law or under this contract.

4. FAR 52.203-5 COVENANT AGAINST CONTINGENT FEES (APR 1984)

(a) The Contractor warrants that no person or agency has been employed or retained to solicit or obtain this contract upon an agreement or understanding for a contingent fee, except a bona fide employee or agency. For breach or violation of this warranty, the Government shall have the right to annul this contract without liability or, in its discretion, to deduct from the contract price or consideration, or otherwise recover, the full amount of the contingent fee.

(b) "Bona fide agency," as used in this clause, means an established commercial or selling agency, maintained by a contractor for the purpose of securing business, that neither exerts nor proposes to exert improper influence to solicit or obtain Government contracts nor holds itself out as being able to obtain any Government contract or contracts through improper influence.

"Bona fide employee," as used in this clause, means a person, employed by a contractor and subject to the contractor's supervision and co as to time, place, and manner of performance, who neither exerts nor proposes to exert improper influence to solicit or obtain Government contracts nor holds out as being able to obtain any Government contract or contracts through improper influence.

"Contingent fee," as used in this clause, means any commission, percentage, brokerage, or other fee that is contingent upon the success that a person or concern has in securing a Government contract.

"Improper influence," as used in this clause, means any influence that induces or tends to induce a Government employee or officer to give consideration or to act regarding a Government contract on any basis other than the merits of the matter.

5. FAR 52.203-6 RESTRICTIONS ON SUBCONTRACTOR SALES TO THE GOVERNMENT (JUL 1985)

(a) Except as provided in (b) below, the Contractor shall not enter into any agreement with an actual or prospective subcontractor, nor otherwise act in any manner, which has or may have the effect of restricting sales by such subcontractors directly to the Government of any item or process (including computer software) made or furnished by the subcontractor under this contract or under any follow-on production contract.

(b) The prohibition in (a) above does not preclude the Contractor from asserting rights that are otherwise authorized by law or regulation.

(c) The Contractor agrees to incorporate the substance of this clause, including this paragraph (c), in all subcontracts under this contract.

6. FAR 52.203-7 ANTI-KICKBACK PROCEDURES (OCT 1988)

(a) Definitions.

"Kickback," as used in this clause, means any money, fee, commission, credit, gift, gratuity, thing of value, or compensation of any kind which is provided, directly or indirectly, to any prime Contractor, prime Contractor employee, subcontractor, or subcontractor employee for the purpose of improperly obtaining or rewarding favorable treatment in connection with a prime contract or in connection with a subcontract relating to a prime contract.

"Person," as used in this clause, means a corporation, partnership, business association of any kind, trust, joint-stock company, or individual.

"Prime contract," as used in this clause, means a contract or contractual action entered into by the United States for the purpose of obtaining supplies, materials, equipment, or services of any kind.

"Prime Contractor" as used in this clause, means a person who has entered into a prime contract with the United States.

"Prime Contractor employee," as used in this clause, means any officer, partner, employee, or agent of a prime Contractor.

"Subcontract," as used in this clause, means a contract or contractual action entered into by a prime Contractor or subcontractor for the purpose of obtaining supplies, materials, equipment, or services of any kind under a prime contract.

"Subcontractor," as used in this clause, (1) means any person, other than the prime Contractor, who offers to furnish or furnishes any supplies, materials, equipment, or services of any kind under a prime contract or a subcontract entered into in connection with such prime contract, and (2) includes any person who offers to furnish or furnishes general supplies to the prime Contractor or a higher tier subcontractor.

"Subcontractor employee," as used in this clause, means any officer, partner, employee, or agent of a subcontractor.

(b) The Anti-Kickback Act of 1986 (41 U.S.C. 51-58) (the Act), prohibits any person from–

(1) Providing or attempting to provide or offering to provide any kickback;

(2) Soliciting, accepting, or attempting to accept any kickback; or

(3) Including, directly or indirec he amount of any kickback in the contract price charged by a prime Contractor to the United States or in the contract price charged by a subcontractor to a prime Contractor or higher tier subcontractor.

(c) (1) The Contractor shall have in place and follow reasonable procedures designed to prevent and detect possible violations described in paragraph (b) of this clause in its own operations and direct business relationships.

(2) When the Contractor has reasonable grounds to believe that a violation described in paragraph (b) of this clause may have occurred, the Contractor shall promptly report in writing the possible violation. Such reports shall be made to the inspector general of the contracting agency, the head of the contracting agency if the agency does not have an inspector general, or the Department of Justice.

(3) The Contractor shall cooperate fully with any Federal agency investigating a possible violation described in paragraph (b) of this clause.

(4) The Contracting Officer may (i) offset the amount of the kickback against any monies owed by the United States under the prime contract and/or (ii) direct that the Prime Contractor withhold from sums owed a subcontractor under the prime contract, monies withheld, the amount of the kickback. The Contracting Officer may order that monies withheld under subdivision (c)(4)(ii) of this clause be paid over to the Government unless the Government has already offset those monies under subdivision (c)(4)(i) of this clause. In either case, the Prime Contractor shall notify the Contracting Officer when the monies are withheld.

(5) The Contractor agrees to incorporate the substance of this clause, including this subparagraph (c)(5) but excepting subparagraph (c).

7. FAR 52.203-9 REQUIREMENT FOR CERTIFICATE OF PROCUREMENT INTEGRITY–MODIFICATION (NOV 1990)

(a) Definitions. The definitions set forth in FAR 3.104-4 are hereby incorporated in this clause.

(b) The Contractor agrees that it will execute the certification set forth in paragraph (c) of this clause when requested by the Contracting Officer in connection with the execution of any modification of this contract.

(c) Certification. As required in paragraph (b) of this clause, the officer or employee responsible for the modification proposal shall execute the following certification:

CERTIFICATE OF PROCUREMENT INTEGRITY*
MODIFICATION (NOV 1990)

(1) I, [Name of certifier] am the officer or employee responsible for the preparation of this modification proposal and hereby certify that, to the best of my knowledge and belief, with the exception of any information described in this certification, I have no information concerning a violation or possible violation of subsection 27(a), (b), (d), or (f) of the Office of Federal Procurement Policy Act, as amended* (41 U.S.C. 423), (hereinafter referred to as "the Act"), as implemented in the FAR, occurring during the conduct of this procurement (contract and modification number).

(2) As required by subsection 27(e)(1)(B) of the Act, I further certify that to the best of my knowledge and belief, each officer, employee, agent, representative, and consultant of [Name of Offeror] who has participated personally and substantially in the preparation or submission of this proposal has certified that he or she is familiar with, and will comply with, the requirements of subsection 27(a) of the Act, as implemented in the FAR, and will report immediately to me any information concerning a violation or possible violation of subsections 27(a), (b), (d), or (f) of the Act, as implemented in the FAR, pertaining to this procurement.

(3) Violations o sible violations: (*Continue on plain bond paper if necessary and label Certificate of Procurement Integrity –Modification (Continuation Sheet),* ENTER NONE IF NONE EXISTS)_____

_____

[Signature of the officer or employee responsible for the modification proposal and date]

[Typed name of the officer or employee responsible for the modification proposal]

* Subsections 27(a), (b), and (d) are effective on December 1, 1990. Subsection 27(f) is effective on June 1, 1991.

THIS CERTIFICATION CONCERNS A MATTER WITHIN THE JURISDICTION OF AN AGENCY OF THE UNITED STATES AND THE MAKING OF A FALSE, FICTITIOUS, OR FRAUDULENT CERTIFICATION MAY RENDER THE MAKER SUBJECT TO PROSECUTION UNDER TITLE 18, UNITED STATES CODE, SECTION 1001.

(End of certification)

(d) In making the certification in paragraph (2) of the certificate, the officer or employee of the competing Contractor responsible for the offer or bid, may rely upon a one-time certification from each individual required to submit a certification to the competing Contractor, supplemented by periodic training. These certifications shall be obtained at the earliest possible date after an individual required to certify begins employment or association with the contractor. If a contractor decides to rely on a certification executed prior to the suspension of section 27 (i.e., prior to December 1, 1989), the contractor shall ensure that an individual who has so certified is notified that section 27 has been reinstated. These certifications shall be maintained by the Contractor for a period of 6 years from the date a certifying employee's employment with the company ends or, for an agency, representative, or consultant 6 years from the date such individual ceases to act on behalf of the contractor.

(e) The certification required by paragraph (c) of this clause is a material representation of fact upon which reliance will be placed in executing this modification.

8. FAR 52.203-10 PRICE OR FEE ADJUSTMENT FOR ILLEGAL OR IMPROPER ACTIVITY (SEP 1990)

(a) The Government, at its election, may reduce the price of a fixed-price type contract or contract modification and the total cost and fee under a cost-type contract or contract modification by the amount of profit or fee determined as set forth in paragraph (b) of this clause if the head of the contracting activity or his or her designee determines that there was a violation of subsection 27(a) of the Office of Federal Procurement Policy Act, as amended (41 U.S.C. 423), as implemented in the FAR. In the case of a contract modification, the fee subject to reduction is the fee specified in the particular contract modification at the time of execution, except as provided in subparagraph (b)(5) of this clause.

(b) The price or fee reduction referred to in paragraph (a) of this clause shall be–

(1) For cost-plus-fixed-fee contracts, the amount of the fee specified in the contract at the time of award; (2) For cost-plus-incentive-fee contracts, the target fee specified in the contract at the time of award, notwithstanding any minimum fee or "fee floor" specified in the contract.

(3) For cost-plus-award-fee contracts–

(i) The base fee established in the contract at the time of contract award;

(ii) If no base fee is specified in the contract, 30 percent of the amount of each award fee otherwise payable to the Contractor for each award fee evaluation period or at each award fee determination point.

(4) For fixed-price-incentive contracts, the Government may–

(i) Reduce the contract target price and contract target profit both by an amount equal to the initial target profit specified in the contract at the time of contract award; or

(ii) If an immediate adju. nt to the contract target price and contract target profit would have a significant adverse impact on the incentive price revision relationship under the contract, or adversely affect the contract financing provisions, the Contracting Officer may defer such adjustment until establishment of the total final price of the contract. The total final price established in accordance with the incentive price revision provisions of the contract shall be reduced by an amount equal to the initial target profit specified in the contract at the time of contract award and such reduced price shall be the total final contract price.

(5) For firm-fixed-price contracts or contract modifications, by 10 percent of the initial contract price; 10 percent of the contract modification price; or a profit amount determined by the Contracting Officer from records or documents in existence prior to the date of the contract award or modification.

(c) The Government may, at its election, reduce a prime contractor's price or fee in accordance with the procedures of paragraph (b) of this clause for violations of the Act by its subcontractors by an amount not to exceed the amount of profit or fee reflected in the subcontract at the time the subcontract was first definitively priced. (d) In addition to the remedies in paragraphs (a) and (c) of this clause, the Government may terminate this contract for default. The rights and remedies of the Government specified herein are not exclusive, and are in addition to any other rights and remedies provided by law or under this contract.

9. FAR 52.203-12 LIMITATION ON PAYMENTS TO INFLUENCE CERTAIN FEDERAL TRANSACTIONS (JAN 1990)

NOTE: This clause is applicable only if the price, including any fee, exceeds $100,000.

(a) Definitions.

"Agency," as used in this clause, means executive agency as defined in 2.101.

"Covered Federal action," as used in this clause, means any of the following Federal actions:

(a) The awarding of any Federal contract.

(b) The making of any Federal grant.

(c) The making of any Federal Loan.

(d) The entering into of any cooperative agreement.

(e) The extension, continuation, renewal, amendment, or modification of any Federal contract, grant, loan, or cooperative agreement.

"Indian tribe" and "tribal organization" as used in this clause, have the meaning provided in section 4 of the Indian Self-Determination and Education Assistance Act (25 U.S.C. 450B) and include Alaskan Natives.

"Influencing or attempting to influence," as used in this clause, means making, with the intent to influence, any communication to or appearance before an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with any covered Federal action.

"Local government," as used in this clause, means a unit of government in a State and, if chartered, established, or otherwise recognized by a State for the performance of a governmental duty, including a local public authority, a special district, an intrastate district, a council of governments, a sponsor group representative organization, and any other instrumentality of a local government.

"Officer or employee of an agency," as used in this clause, includes the following individuals who are employed by an agency:

(a) An individual who is appointed to a position in the Government under title 5, United States Code, including a position under a temporary appointment.

(b) A member o, uniformed services, as defined in subsection 101(3), title 37, United States Code.

(c) A special Government employee, as defined in section 202, title 18, United States Code.

(d) An individual who is a member of a Federal advisory committee, as defined by the Federal Advisory Committee Act, title 5, United States Code, appendix 2.

"Person," as used in this clause, means an individual, corporation, company, association, authority, firm, partnership, society, State, and local government, regardless of whether such entity is operated for profit, or not for profit. This term excludes an Indian tribe, tribal organization, or any other Indian organization with respect to expenditures specifically permitted by other Federal law.

"Reasonable compensation," as used in this clause, means with respect to a regularly employed officer or employee of any person, compensation that is consistent with the normal compensation for such officer or employee for work that is not furnished to, not funded by, or not furnished in cooperation with the Federal Government.

"Reasonable payment," as used in this clause, means, with respect to professional and other technical services, a payment in an amount that is consistent with the amount normally paid for such services in the private sector.

"Recipient," as used in this clause, includes the Contractor and all subcontractors. This term excludes an Indian tribe, tribal organization, or any other Indian organization with respect to expenditures specifically permitted by other Federal law.

"Regularly employed," as used in this clause,means, with respect to an officer or employee of a person requesting or receiving a Federal contract, an officer or employee who is employed by such person for at least 130 working days within 1 year immediately preceding the date of the submission that initiates agency consideration of such person for receipt of such contract. An officer or employee who is employed by such person for less than 130 working days within 1 year immediately preceding the date of the submission that initiates agency consideration of such person shall be considered to be regularly employed as soon as he or she is employed by such person for 130 working days.

"State," as used in this clause, means a State of the United States, the District of Columbia, the Commonwealth of Puerto Rico, a territory or possession of the United States, an agency or instrumentality of a State, and multi-State, regional, or interstate entity having governmental duties and powers.

(b) Prohibitions (1) Section 1352 of title 31, United States Code, among other things, prohibits a recipient of a Federal contract, grant, loan, or cooperative agreement from using appropriated funds to pay any person for influencing or attempting to influence an officer or employee of any agency,a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with any of the following covered Federal actions: the awarding of any Federal contract; the making of any Federal grant; the making of any Federal loan, the entering into of any cooperative agreement; or the modification of any Federal contract, grant, loan, or cooperative agreement.

(2) The Act also requires Contractors to furnish a disclosure if any funds other than Federal appropriated funds (including profit or fee received under a covered Federal transaction) have been paid, or will be paid, to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, or an officer or employee of Congress, or an employee of a Member of Congress in connection with a Federal contract, grant, loan, or cooperative agreement.

(3) The prohibitions of the Act do not apply under the following conditions:

(i) Agency and legislative liaison by own employees. (A) The prohibition on the use of appropriated funds, in subparagraph (b)(1) of this clause, does not apply in the case of a payment of reasonable compensation made to an officer or employee of a person requesting or receiving a covered Federal action if the payment is for

agency and legislative liaison activitie r directly related to a covered Federal action.

(B) For purposes of subdivision (b)(3)(i)(A) of this clause, providing any information specifically requested by an agency or Congress is permitted at any time.

(C) The following agency and legislative liaison activities are permitted at any time where they are not related to a specific solicitation for any covered Federal action:

(1) Discussing with an agency the qualities and characteristics (including individual demonstrations) of the person's products or services, conditions or terms of sale, and service capabilities.

(2) Technical discussions and other activities regarding the application or adaptation of the person's products or services for an agency's use.

(D) The following agency and legislative liaison activities are permitted where they are prior to formal solicitation of any covered Federal action.

(1) Providing any information not specifically requested but necessary for an agency to make an informed decision about initiation of a covered Federal action;

(2) Technical discussions regarding the preparation of an unsolicited proposal prior to its official submission; and

(3) Capability presentations by persons seeking awards from an agency pursuant to the provisions of the Small Business Act, as amended by Pub.L.95-507, and subsequent amendments.

(E) Only those services expressly authorized by subdivision (b)(3)(i)(A) of this clause are permitted under this clause.

(ii) Professional and technical services. (A) The prohibition on the use of appropriated funds, in subparagraph (b)(1) of this clause, does not apply in the case of-

(1) A payment of reasonable compensation made to an officer or employee of a person requesting or receiving a covered Federal action or an extension, continuation, renewal, amendment, or modification or a covered Federal action, if payment is for professional or technical services rendered directly in the preparation, submission, or negotiation of any bid, proposal, or application for that Federal action or for meeting requirements imposed by or pursuant to law as a condition for receiving that Federal action.

(2) Any reasonable payment to a person other than an officer or employee of a person requesting or receiving a covered Federal action or an extension, continuation, renewal, amendment, or modification of a covered Federal action if the payment is for professional or technical services rendered directly in the preparation, submission, or negotiation of any bid, proposal, or application for that Federal action or for meeting requirements imposed by or pursuant to law as a condition for receiving that Federal action. Persons other than officers or employees of a person requesting or receiving a covered Federal action include consultants and trade associations.

(B) For purposes of subdivision (b)(3)(ii)(A) of this clause, "professional and technical services" shall be limited to advice and analysis directly applying any professional or technical discipline. For example, drafting of a legal document accompanying a bid or proposal by a lawyer is allowable.

Similarly, technical advice provided by an engineer on the performance or operational capability of a piece of equipment rendered directly in the negotiation of a contract is allowable. However, communications with the intent to influence made by a professional (such as a licensed lawyer) or a technical person (such as a licensed accountant) are not allowable under this section unless they provided advice and analysis directly applying their professional or technical expertise and unless the advice or analysis is rendered directly and solely in the preparation, submission or negotiation of a covered Federal action. Thus, for example, communications with the intent to influence made by a le r that do not provided legal advice or analysis directly and solely related to the legal aspects of his or her client's proposal, but generally advocate one proposal over another are not allowable under this section because the lawyer is not providing professional legal services. Similarly communications with the intent to influence made by an engineer providing an engineering analysis prior to the preparation or submission of a bid or proposal are not allowable under this section since the engineer is providing technical services but not directly in the preparation, submission, or negotiation of a covered Federal action.

(C) Requirements imposed by or pursuant to law as a condition for receiving a covered Federal award include those required by law or regulation and any other requirements in the actual award documents.

(D) Only those services expressly authorized by subdivisions (b)(3)(ii)(A)(1) and (2) of this clause are permitted under this clause.

(E) The reporting requirements of FAR 3.803(a) shall not apply with respect to payments of reasonable compensation made to regularly employed officers or employees of a person.

(iii) Disclosure. (A) The Contractor who requests or receives from an agency a Federal contract shall file with that agency a disclosure form, OMB standard form LLL, Disclosure of Lobbying Activities, if such person has made or has agreed to make any payment using nonappropriated funds (to include profits from any covered Federal action), which would be prohibited under subparagraph (b)(1) of this clause, if paid for with appropriated funds.

(B) The Contractor shall file a disclosure form at the end of each calendar quarter in which there occurs any event that materially affects the accuracy of the information contained in any disclosure form previously filed by such person under subparagraph (c)(1) of this clause. An event that materially affects the accuracy of the information reported includes–

(1) A cumulative increase of $25,000 or more in the amount paid or expected to be paid for influencing or attempting to influence a covered Federal action; or

(2) A change in the person(s) or individual(s) influencing or attempting to influence a covered Federal action; or

(3) A change in the officer(s), employee(s), or Member(s) contacted to influence or attempt to influence a covered Federal action.

(C) The Contractor shall require the submittal of a certification, and if required, a disclosure form by any person which requests or received any subcontract exceeding $100,000 under the Federal contract.

(D) All subcontractor disclosure forms (but not certifications) shall be forwarded from tier to tier until received by the prime Contractor. The prime Contractor shall submit all disclosures to the Contracting Officer at the end of the calendar quarter in which the disclosure form is submitted by the subcontractor. Each subcontractor certification shall be retained in the subcontract file of the awarding Contractor.

(iv) Agreement. The Contractor agrees not to make any payment prohibited by the clause.

(v) Penalties. (A) Any person who makes an expenditure prohibited under paragraph (a) of this clause or who fails to file or amend the disclosure form to be filed or amended by paragraph (b) of this clause shall be subject to civil penalties as provided for by 31 U.S.C. 1352. An imposition of a civil penalty does not prevent the Government from seeking any other remedy that may be applicable.

(B) Contractors may rely without liability on the representation made by their subcontractors in the certification and disclosure form.

(vi) Cost allowability. Nothing in this clause makes allowable or reasonable any cost which would otherwise be unallowable or unreasonable. Conversely, costs made specifically unallowable by the requirements in this clause will not be made allowable under any other provision.

10. DEAR 952.208-70 PRINTING (APR 1984)

The contractor shall not engage in, nor subcontract for, any printing (as that term is defined in Title I of the U.S. Government Printing and Binding Regulations in effect on the effective date of this contract) in connection with the performance of work under this contract. Provided, however, that performance of a requirement under this contract involving the duplication of less than 5,000 copies of a single unit, or no more than 25,000 units in the aggregate of multiple units, will not be deemed to be printing. A unit is defined as one sheet, size 8 1/2 by 11 inches one side only, one color. A requirement is defined as a single publication document.

(1) The term "printing" includes the following processes: composition, plate making, presswork, binding, microform publishing, or the end items produced by such processes.

(2) If fulfillment of the contract will necessitate reproduction in excess of the limits set forth above, the contractor shall notify the contracting officer in writing and obtain the contracting officer's approval prior to acquiring on DOE's behalf production, acquisition, and dissemination of printed matter. Such printing must be obtained from the Government Printing Office (GPO), a contract source designated by GPO or a Joint Committee on Printing authorized federal printing plant.

(3) Printing services not obtained in compliance with this guidance will result in the cost of such printing being disallowed.

(4) The Contractor will include in each of his subcontracts hereunder a provision substantially the same as this clause including this paragraph (4).

11. FAR 52.209-6 PROTECTING THE GOVERNMENT'S INTEREST WHEN SUBCONTRACTING WITH CONTRACTORS DEBARRED, SUSPENDED, OR PROPOSED FOR DEBARMENT (NOV 1992)

(a) The Government suspends or debars Contractors to protect the Government's interests. The Contractor shall not enter into any subcontract in excess of the small purchase limitation at FAR 13.000 with a Contractor that has been debarred, suspended, or proposed for debarment unless there is a compelling reason to do so.

(b) The Contractor shall require each proposed first-tier subcontractor, whose subcontract will exceed the small purchase limitation at FAR 13.000, to disclose to the Contractor, in writing, whether as of the time of award of the subcontract, the subcontractor, or its principals, is or is not debarred, suspended, or proposed for debarment by the Federal Government.

(c) A corporate officer or a designee of the Contractor shall notify the Contracting Officer, in writing, before entering into a subcontract with a party that is debarred, suspended, or proposed for debarment (see FAR 9.404 for information on the List of Parties Excluded from Procurement Programs). The notice must include the following:

(1) The name of the subcontractor.

(2) The Contractor's knowledge of the reasons for the subcontractor being on the List of Parties Excluded from Procurement Programs.

(3) The compelling reason(s) for doing business with the subcontractor notwithstanding its inclusion on the List of Parties Excluded From Procurement Programs.

(4) The systems and procedures the Contractor has established to ensure that it is fully protecting the Government's interests when dealing with such subcontractor in view of the specific basis for the party's debarment, suspension, or proposed debarment.

12. FAR 52.210-5 NEW MATERIAL (APR 1984)

Unless this contract specifies otherwise, the Contractor represents that the supplies and components, including any former Government property identified under the Used or Reconditioned Material, Residual Inventory, and Former Government Surplus Property clause of this contract, are new, including recycled (not used or reconditioned) and are not of such age or so deteriorated as to impair their usefulness or safety. If the Contractor believes that furnishing used or reconditioned supplies or components will be in the Government's interest, the Contractor shall so notify the Contracting Officer in writing. The Contractor's notice shall include the reasons for the request along with a proposal for any consideration to the Government if the Contracting Officer authorizes the use of used or reconditioned supplies or components.

13. FAR 52.212-13 STOP-WORK ORDER (AUG 1989)

(a) The Contracting Officer may, at any time, by written order to the Contractor, require the Contractor to stop all, or any part, of the work called for by this contract for a period of 90 days after the order is delivered to the Contractor, and for any further period to which the parties may agree. The order shall be specifically identified as a stop-work order issued under this clause. Upon receipt of the order, the Contractor shall immediately comply with its terms and take all reasonable steps to minimize the incurrence of costs allowable to the work covered by the order during the period of work stoppage. Within a period of 90 days after a stop-work order is delivered to the Contractor, or within any extension of that period to which the parties shall have agreed, the Contracting Officer shall either-

(1) Cancel the stop-work order; or

(2) Terminate the work covered by the order as provided in the Default, or the Termination for Convenience of the Government, clause of this contract.

(b) If a stop-work order issued under this clause is canceled or the period of the order or any extension thereof expires, the Contractor shall resume work. The Contracting Officer shall make an equitable adjustment in the delivery schedule or contract price, or both, and the contract shall be modified, in writing, accordingly, if–

(1) The stop-work order results in an increase in the time required for, or in the Contractor's cost properly allowable to, the performance of any part of this contract; and

(2) The Contractor asserts its rights to the adjustment within 30 days after the end of the period of work stoppage; provided, that, if the Contracting Officer decides the facts justify the action, the Contracting Officer may receive and act upon the claim submitted at any time before final payment under this contract.

(c) If a stop-work order is not canceled and the work covered by the order is terminated for the convenience of the Government, the Contracting Officer shall allow reasonable costs resulting from the stop-work order in arriving at the termination settlement.

(d) If a stop-work order is not canceled and the work covered by the order is terminated for default, the Contracting Officer shall allow, by equitable adjustment or otherwise, reasonable costs resulting from the stop-work order.

14. FAR 52.214-26 AUDIT-SEALED BIDDING (APR 1985)

NOTE: This clause applies if the contract was awarded through the use of sealed bidding.

(a) Cost or pricing data.

If the Contractor has submitted cost or pricing data in connection with the pricing of any modification to this contract, unless the pricing was based on adequate price competition, established catalog or market prices of commercial items sold in substantial quantities to the general public, or prices set by law or regulation, the Contracting Officer or a representative who is an employee of the Government shall have the right to examine and audit all books, records, documents, and other data of the Contractor (including computations and projections) related to negotiating, pricing or performing the modification, in order to evaluate the accuracy, completeness, and currency of the cost or pricing data. In the case of pricing any modification, the Comptroller General of the United States or a representative who is an employee of the Government shall have the same rights.

(b) Availability.

The Contractor shall make available at its office at all reasonable times the materials described in paragraph (a) above, for examination, audit, or reproduction, until 3 years after final payment under this contract, or for any other period specified in
Subpart 4.7 of the Federal Acquisition Regulation (FAR). FAR Subpart 4.7, Contractor Records Retention, in effect on the date of this contract, is incorporated by reference in its entirety and made a part of this contract.

(1) If this contract is completely or partially terminated, the records relating to the work terminated shall be made available for 3 years after any resulting final termination settlement.

(2) Records pertaining to appeals under the Disputes clause or to litigation or the settlement of claims arising under or relating to the performance of this contract shall be made available until disposition of such appeals, litigation, or claims.

(c) The Contractor shall insert a clause containing all the provisions of this clause, including this paragraph (c), in all subcontracts over $10,000 under this contract, altering the clause only as necessary to identify properly the contracting parties and the contracting office under the Government prime contract.

15. FAR 52.214-27 PRICE REDUCTION FOR DEFECTIVE COST OR PRICING DATA–MODIFICATIONS–SEALED BIDDING (DEC 1991)

NOTE: This clause applies to this contract if the contract was awarded through the use of sealed bidding.

(a) This clause shall become operative only for any modification to this contract involving aggregate increases and/or decreases in costs, plus applicable profits, of more than $100,000, or for the Department of Defense, the National Aeronautics and Space Administration, and the Coast Guard, more than $500,000, except that this clause does not apply to any modification for which the price is–

(1) Based on adequate price competition;

(2) Based on established catalog or market prices of commercial items sold in substantial quantities to the general public; or

(3) Set by law or regulation.

(b) If any price, including profit, negotiated in connection with any modification under this clause, was increased by any significant amount because (1) the Contractor or a subcontractor furnished cost or pricing data that were not complete, accurate, and current as certified in its Certificate of Current Cost or Pricing Data, (2) a subcontractor or prospective subcontractor furnished the Contractor cost or pricing data that were not complete, accurate, and current as certified in the Contractor's Certificate of Current Cost or Pricing Data, or (3) any of these parties furnished data of any description that were not accurate, the price shall be reduced accordingly and the contract shall be modified to reflect the reduction. This right to a price reduction is limited to that resulting from defects in data relating to modifications for which this clause becomes operative under paragraph (a) above.

(c) Any reduction in the contract price under paragraph (b) above due to defective data from a prospective subcontractor that was not subsequently awarded the subcontract shall be limited to the amount, plus applicable overhead and profit markup, by which (1) the actual subcontract or (2) the actual cost to the Contractor, if there was no subcontract, was less than the prospective subcontract cost estimate submitted by the Contractor; provided, that the actual subcontract price was not itself affected by defective cost or pricing data.

(d)(1) If the Contra· Officer determines under paragraph (b) of this clause that a price or cost reduction should be made, the Contractor agrees not to raise the following matters as a defense:

(i) The Contractor or subcontractor was a sole source supplier or otherwise was in a superior bargaining position and thus the price of the contract would not have been modified even if accurate, complete, and current cost or pricing data had been submitted.

(ii) The Contracting Officer should have known that the cost or pricing data in issue were defective even though the Contractor or subcontractor took no affirmative action to bring the character of the data to the attention of the Contracting Officer.

(iii) The contract was based on an agreement about the total cost of the contract and there was no agreement about the cost of each item procured under the contract.

(iv) The Contractor or subcontractor did not submit a Certificate of Current Cost or Pricing Data.

(2)(i) Except as prohibited by subdivision (d)(2)(ii) of this clause, an offset in an amount determined appropriate by the Contracting Officer based upon the facts shall be allowed against the amount of a contract price reduction if–

(A) The Contractor certifies to the Contracting Officer that, to the best of the Contractor's knowledge and belief, the Contractor is entitled to the offset in the amount requested; and

(B) The Contractor proves that the cost or pricing data were available before the date of agreement on the price of the contract (or price of the modification) and that the data were not submitted before such date.

(ii) An offset shall not be allowed if–

(A) The understated data was known by the Contractor to be understated when the Certificate of Current Cost or Pricing Data was signed; or

(B) The Government proves that the facts demonstrate that the contract price would not have increased in the amount to be offset even if the available data had been submitted before the date of agreement on price.

(e) If any reduction in the contract price under this clause reduces the price of items for which payment was made prior to the date of the modification reflecting the price reduction, the Contractor shall be liable to and shall pay the United States at the time such overpayment is repaid–

(1) Simple interest on the amount of such overpayment to be computed from the date(s) of overpayment to the Contractor to the date the Government is repaid by the Contractor at the applicable underpayment rate effective for each quarter prescribed by the Secretary of the Treasury under 26 U.S.C. 6621(a)(2); and

(2) For Department of Defense contracts only, a penalty equal to the amount of the overpayment, if the Contractor or subcontractor knowingly submitted cost or pricing data which were incomplete, inaccurate, or noncurrent.

16. FAR 52.214-28 SUBCONTRACTOR COST OR PRICING DATA-MODIFICATIONS SEALED BIDDING (DEC 1991)

NOTE: This clause applies to this contract if the contract was awarded through the use of sealed bidding.

(a) The requirements of paragraphs (b) and (c) of this clause shall (1) become operative only for any modification to this contract involving aggregate increases and/or decreases in costs, plus applicable profits, expected to exceed $100,000, or for the Department of Defense, the National Aeronautics and Space Administration, and the Coast Guard, expected to exceed $500,000, and (2) be limited to such modifications.

(b) Before awarding any subcontract expected to exceed $100,000, or for the Department of Defense, the National Aeronautics and Space Administration, and the Coast Guard, expected to exceed $500,000 when entered into, or pricing any subcontract modification involving aggregate increases and/or decreases in costs, plus applicable profits, expected to exceed $100,000, or for the Department of Defense, the National Aeronautics and Space

Administration, and the Coast Guar. xpected to exceed $500,000, the Contractor shall require the subcontractor to submit cost or pricing data (actually or by specific identification in writing), unless the price is–

(1) Based on adequate price competition;

(2) Based on established catalog or market prices of commercial items sold in substantial quantities to the general public; or

(3) Set by law or regulation.

(c) The Contractor shall require the subcontractor to certify in substantially the form prescribed in subsection 15.804-4 of the Federal Acquisition Regulation that, to the best of its knowledge and belief, the data submitted under paragraph (b) above were accurate, complete, and current as of the date of agreement on the negotiated price of the subcontract or subcontract modification.

(d) The Contractor shall insert the substance of this clause, including this paragraph (d), in each subcontract that exceeds $100,000, or for the Department of Defense, the National Aeronautics and Space Administration, and the Coast Guard, in each subcontract that exceeds $500,000 when entered into.

17. FAR 52.214-29 ORDER OF PRECEDENCE–SEALED BIDDING (JAN 1986)

NOTE: This clause applies to contracts resulting from a sealed bid solicitation.

Any inconsistency in this solicitation or contract shall be resolved by giving precedence in the following order: (a) the Schedule (excluding the specifications); (b) representations and other instructions; (c) contract clauses; (d) other documents, exhibits, and attachments; and (e) the specifications.

18. FAR 52.215-1 EXAMINATION OF RECORDS BY COMPTROLLER GENERAL (FEB 1993)

(a) This clause applies if this contract exceeds the small purchase limitation in Part 13 of the Federal Acquisition Regulation (FAR) and was entered into by negotiation.

(b) The Comptroller General of the United States or a duly authorized representative from the General Accounting Office shall, until 3 years after final payment under this contract or for any shorter period specified in FAR Subpart 4.7, Contractor Records Retention, have access to and the right to examine any of the Contractor's directly pertinent books, documents, papers, or other records involving transactions related to this contract.

(c) The Contractor agrees to include in first-tier subcontracts under this contract a clause to the effect that the Comptroller General or a duly authorized representative from the General Accounting Office shall, until 3 years after final payment under the subcontract or for any shorter period specified in FAR Subpart 4.7, have access to and the right to examine any of the subcontractor's directly pertinent books, documents, papers, or other records involving transactions related to the subcontract. "Subcontract," as used in this clause, excludes (1) purchase orders not exceeding the FAR Part 13 small purchase limitation; and (2) subcontracts or purchase orders for public utility services at rates established to apply uniformly to the public, plus any applicable reasonable connection charge.

(d) The periods of access and examination in paragraphs (b) and (c) above for records relating to (1) appeals under the Disputes clause, (2) litigation or settlement of claims arising from the performance of this contract, or (3) costs and expenses of this contract to which the Comptroller General or a duly authorized representative from the General Accounting Office has taken exception shall continue until such appeals, litigation, claims, or exceptions are disposed of.

19. FAR 52.215-2 AUDIT–NEGOTIATION (FEB 1993)

(a) Examination of costs. If this is a cost-reimbursement, incentive, time-and-materials, labor-hour, or price-redeterminable contract, or any com .tion of these, the Contractor shall maintain and the Contracting Officer or representatives of the Contracting Officer shall have the right to examine and audit-books, records, documents, and other evidence and accounting procedures and practices, regardless of form (e.g., machine readable media such as disk, tape, etc.) or type (e.g., data bases, applications software, data base management software, utilities, etc.), sufficient to reflect properly all costs claimed to have been incurred or anticipated to be incurred in performing this contract. This right of examinations shall include inspection at all reasonable times of the Contractor's plants, or parts of them, engaged in performing the contract.

(b) Cost or pricing data. If, pursuant to law, the Contractor has been required to submit cost or pricing data in connection with pricing this contract or any modification to this contract, the Contracting Officer or representatives of the Contracting Officer who are employees of the Government shall have the right to examine and audit all of the Contractor's books, records, documents, and other data, regardless of form (e.g., machine readable media such as disk, tape, etc.) or type (e.g., data bases, applications software, data base management software, utilities, etc.), including computations and projections, related to proposing, negotiating, pricing, or performing the contract or modification, in order to evaluate the accuracy, completeness, and currency of the cost or pricing data. The right of examination shall extend to all documents necessary to permit adequate evaluation of the cost or pricing data submitted, along with the computations and projections used.

(c) Reports. If the Contractor is required to furnish cost, funding, or performance reports, the Contracting Officer or representatives of the Contracting Officer who are employees of the Government shall have the right to examine and audit books, records, other documents, and supporting materials, for the purpose of evaluating (1) the effectiveness of the Contractor's policies and procedures to produce data compatible with the objectives of these reports and (2) the data reported.

(d) Availability. The Contractor shall make available at its office at all reasonable times the materials described in paragraphs (a) and (b) above, for examination, audit, or reproduction, until 3 years after final payment under this contract, or for any shorter period specified in Subpart 4.7, Contractor Records Retention, of the Federal Acquisition Regulation (FAR), or for any longer period required by statute or by other clauses of this contract. In addition (1) If this contract is completely or partially terminated, the records relating to the work terminated shall be made available for 3 years after any resulting final termination settlement; and (2) Records relating to appeals under the Disputes clause or to litigation or the settlement of claims arising under or relating to this contract shall be made available until such appeals, litigation, or claims are disposed of.

(e) Except as otherwise provided in FAR Subpart 4.7, Contractor Records Retention, the Contractor may transfer computer data in machine readable form from one reliable computer medium to another. The Contractor's computer data retention and transfer procedures shall maintain the integrity, reliability, and security of the original data. The contractor's choice of form or type of materials described in paragraphs (a), (b), and (c) of this clause affects neither the Contractor's obligations nor the Government's rights under this clause.

(f) The Contractor shall insert a clause containing all the terms of this clause, including this paragraph (f), in all subcontracts under this contract that are over the small purchase limitation in FAR Part 13, altering the clause only as necessary to identify properly the contracting parties and the Contracting Officer under the Government prime contract.

20. FAR 52.215-22 PRICE REDUCTION FOR DEFECTIVE COST OR PRICING DATA (JAN 1991)

(a) If any price, including profit or fee, negotiated in connection with this contract, or any cost reimbursable under this contract, was increased by any significant amount because (1) the Contractor or a subcontractor furnished cost or pricing data that were not complete,

accurate, and current as certified in its tificate of Current Cost or Pricing Data, (2) a subcontractor or prospective subcontractor furnished the Contractor cost or pricing data that were not complete, accurate, and current as certified in the Contractor's Certificate of Current Cost or Pricing Data, or (3) any of these parties furnished data of any description that were not accurate, the price or cost shall be reduced accordingly and the contract shall be modified to reflect the reduction.

(b) Any reduction in the contract price under paragraph (a) above due to defective data from a prospective subcontractor that was not subsequently awarded the subcontract shall be limited to the amount, plus applicable overhead and profit markup, by which (1) the actual subcontract or (2) the actual cost to the Contractor, if there was no subcontract, was less than the prospective subcontract cost estimate submitted by the Contractor; provided, that the actual subcontract price was not itself affected by defective cost or pricing data.

(c)(1) If the Contracting Officer determines under paragraph (a) of this clause that a price or cost reduction should be made, the Contractor agrees not to raise the following matters as a defense:

(i) The Contractor or subcontractor was a sole source supplier or otherwise was in a superior bargaining position and thus the price of the contract would not have been modified even if accurate, complete, and current cost or pricing data had been submitted.

(ii) The Contracting Officer should have known that the cost or pricing data in issue were defective even though the Contractor or subcontractor took no affirmative action to bring the character of the data to the attention of the Contracting Officer.

(iii) The contract was based on an agreement about the total cost of the contract and there was no agreement about the cost of each item procured under the contract.

(iv) The Contractor or subcontractor did not submit a Certificate of Current Cost or Pricing Data.

(2)(i) Except as prohibited by subdivision (c)(2)(ii) of this clause, an offset in an amount determined appropriate by the Contracting Officer based upon the facts shall be allowed against the amount of a contract price reduction if–

(A) The Contractor certifies to the Contracting Officer that, to the best of the Contractor's knowledge and belief, the Contractor is entitled to the offset in the amount requested; and

(B) The Contractor proves that the cost or pricing data were available before the date of agreement on the price of the contract (or price of the modification) and that the data were not submitted before such date.

(ii) An offset shall not be allowed if–

(A) The understated data was known by the Contractor to be understated when the Certificate of Current Cost or Pricing Data was signed; or

(B) The Government proves that the facts demonstrate that the contract price would not have increased in the amount to be offset even if the available data had been submitted before the date of agreement on price.

(d) If any reduction in the contract price under this clause reduces the price of items for which payment was made prior to the date of the modification reflecting the price reduction, the Contractor shall be liable to and shall pay the United States at the time such overpayment is repaid

(1) Simple interest on the amount of such overpayment to be computed from the date(s) of overpayment to the Contractor to the date the Government is repaid by the Contractor at the applicable underpayment rate effective for each quarter
prescribed by the Secretary of the Treasury under 26 U.S.C.6621(a)(2); and

(2) For Departr. of Defense contracts only, a penalty equal to the amount of the overpayment, if the Contractor or subcontractor knowingly submitted cost or pricing data which were incomplete, inaccurate, or noncurrent.

21. FAR 52.215-23 PRICE REDUCTION FOR DEFECTIVE COST OR PRICING DATA–MODIFICATIONS (DEC 1991)

(a) This clause shall become operative only for any modification to this contract involving a pricing adjustment expected to exceed $100,000, or for the Department of Defense, the National Aeronautics and Space Administration, and the Coast Guard, expected to exceed $500,000, except that this clause does not apply to any modification for which the price is–

(1) Based on adequate price competition;

(2) Based on established catalog or market prices of commercial items sold in substantial quantities to the general public; or

(3) Set by law or regulation.

(b) If any price, including profit or fee, negotiated in connection with any modification under this clause, or any cost reimbursable under this contract, was increased by any significant amount because (1) the Contractor or a subcontractor furnished cost or pricing data that were not complete, accurate, and current as certified in its Certificate of Current Cost or Pricing Data, (2) a subcontractor or prospective subcontractor furnished the Contractor cost or pricing data that were not complete, accurate, and current as certified in the Contractor's Certificate of Current Cost or Pricing Data, or (3) any of these parties furnished data of any description that were not accurate, the price or cost shall be reduced accordingly and the contract shall be modified to reflect the reduction. This right to a price reduction is limited to that resulting from defects in data relating to modifications for which this clause becomes operative under paragraph (a) of this clause.

(c) Any reduction in the contract price under paragraph (b) of this clause due to defective data from a prospective subcontractor that was not subsequently awarded the subcontract shall be limited to the amount, plus applicable overhead and profit markup, by which (1) the actual subcontract or (2) the actual cost to the Contractor, if there was no subcontract, was less than the prospective subcontract cost estimate submitted by the Contractor; provided, that the actual subcontract price was not itself affected by defective cost or pricing data.

(d)(1) If the Contracting Officer determines under paragraph (b) of this clause that a price or cost reduction should be made, the Contractor agrees not to raise the following matters as a defense:

(i) The Contractor or subcontractor was a sole source supplier or otherwise was in a superior bargaining position and thus the price of the contract would not have been modified even if accurate, complete, and current cost or pricing data had been submitted.

(ii) The Contracting Officer should have known that the cost or pricing data in issue were defective even though the Contractor or subcontractor took no affirmative action to bring the character of the data to the attention of the Contracting Officer.

(iii) The contract was based on an agreement about the total cost of the contract and there was no agreement about the cost of each item procured under the contract.

(iv) The Contractor or subcontractor did not submit a Certificate of Current Cost or Pricing Data.

(2)(i) Except as prohibited by subdivision (d)(2)(ii) of this clause, an offset in an amount determined appropriate by the Contracting Officer based upon the facts shall be allowed against the amount of a contract price reduction if-

(A) The Contractor certifies to the Contracting Officer that, to the best of the Contractor's knowledge and belief, the Contractor is entitled to the offset in the amount requested; and

(B) The Contractor proves that the cost or pricing data were available before the date of agreement on the price of the

contract (or price of the modificatio ıd that the data were not submitted before such date.

(ii) An offset shall not be allowed if–

(A) The understated data was known by the Contractor to be understated when the Certificate of Current Cost or Pricing Data was signed; or

(B) The Government proves that the facts demonstrate that the contract price would not have increased in the amount to be offset even if the available data had been submitted before the date of agreement on price.

(e) If any reduction in the contract price under this clause reduces the price of items for which payment was made prior to the date of the modification reflecting the price reduction, the Contractor shall be liable to and shall pay the United States at the time such overpayment is repaid–

(1) Simple interest on the amount of such overpayment to be computed from the date(s) of overpayment to the Contractor to the date the Government is repaid by the Contractor at the applicable underpayment rate effective for each quarter prescribed by the Secretary of the Treasury under 26 U.S.C. 6621(a)(2); and

(2) For Department of Defense contracts only, a penalty equal to the amount of the overpayment, if the Contractor or subcontractor knowingly submitted cost or pricing data which were incomplete, inaccurate, or noncurrent.

22. FAR 52.215-24 SUBCONTRACTOR COST OR PRICING DATA (DEC 1991)

(a) Before awarding any subcontract expected to exceed $100,000, or for the Department of Defense, the National Aeronautics and Space Administration, and the Coast Guard, expected to exceed $500,000, when entered into, or before pricing any subcontract modification involving a pricing adjustment expected to exceed $100,000, or for the Department of Defense, the National Aeronautics and Space Administration, and the Coast Guard, expected to exceed $500,000, the Contractor shall require the subcontractor to submit cost or pricing data (actually or by specific identification in writing), unless the price is–

(1) Based on adequate price competition;

(2) Based on established catalog or market prices of commercial items sold in substantial quantities to the general public; or

(3) Set by law or regulation.

(b) The Contractor shall require the subcontractor to certify in substantially the form prescribed in subsection 15.804-4 of the Federal Acquisition Regulation (FAR) that, to the best of its knowledge and belief, the data submitted under paragraph (a) of this clause were accurate, complete, and current as of the date of agreement on the negotiated price of the subcontract or subcontract modification.

(c) In each subcontract that exceeds $100,000, or for the Department of Defense, the National Aeronautics and Space Administration, and the Coast Guard, in each subcontract that exceeds $500,000, when entered into, the Contractor shall insert either–

(1) The substance of this clause, including this paragraph (c), if paragraph (a) of this clause requires submission of cost or pricing data for the subcontract; or

(2) The substance of the clause at FAR 52.215-25, Subcontractor Cost or Pricing Data-Modifications.

23. FAR 52.215-25 SUBCONTRACTOR COST OR PRICING DATA-MODIFICATIONS (DEC 1991)

(a) The requirements of paragraphs (b) and (c) of this clause shall (1) become operative only for any modification to this contract involving a pricing adjustment expected to exceed $100,000, or for the Department of Defense, the National Aeronautics and Space Administration, and the Coast Guard, expected to exceed ɔ,000; and (2) be limited to such modifications.

(b) Before awarding any subcontract expected to exceed $100,000, or $500,000 for the Department of Defense, the National Aeronautics and Space Administration, and the Coast Guard, when entered into, or pricing any subcontract modification involving a pricing adjustment expected to exceed $100,000, or for the Department of Defense, the National Aeronautics and Space Administration, and the Coast Guard, expected to exceed $500,000, the Contractor shall require the subcontractor to submit cost or pricing data (actually or by specific identification in writing), unless the price is–

(1) Based on adequate price competition;

(2) Based on established catalog or market prices of commercial items sold in substantial quantities to the general public; or

(3) Set by law or regulation.

(c) The Contractor shall require the subcontractor to certify in substantially the form prescribed in subsection 15.804-4 of the Federal Acquisition Regulation (FAR) that, to the best of its knowledge and belief, the data submitted under paragraph (b) of this clause were accurate, complete, and current as of the date of agreement on the negotiated price of the subcontract or subcontract modification.

(d) The Contractor shall insert the substance of this clause, including this paragraph (d), in each subcontract that exceeds $100,000, or for the Department of Defense, the National Aeronautics and Space Administration, and the Coast Guard, in each subcontract that exceeds $500,000, when entered into.

24. FAR 52.215-26 INTEGRITY OF UNIT PRICES AND ALTERNATE I (APR 1991)

(a) Any proposal submitted for the negotiation of prices for items of supplies shall distribute costs within contracts on a basis that ensures that unit prices are in proportion to the items' base cost (e.g., manufacturing or acquisition costs). Any method of distributing costs to line items that distorts unit prices shall not be used. For example, distributing costs equally among line items is not acceptable except when there is little or no variation in base cost. Nothing in this paragraph requires submission of cost or pricing data not otherwise required by law or regulation.

(b) The requirement in paragraph (a) of this clause does not apply to any contract or subcontract item of supply for which the unit price is, or is based on, an established catalog or market price for a commercial item sold in substantial quantities to the general public. A price is based on a catalog or market price only if the item being purchased is sufficiently similar to the catalog or market price commercial item to ensure that any difference in price can be identified and justified without resort to cost analysis.

(c) The Offeror/Contractor shall also identify those supplies which it will not manufacture or to which it will not contribute significant value when requested by the Contracting Officer. However, the information shall not be required for commercial items sold in substantial quantities to the general public when the price is, or is based on, established catalog or market prices.

(d) The Contractor shall insert the substance of this clause, less paragraph (c), in all subcontracts.

Alternate I (APR 1991)

Substitute the following paragraph (c) for paragraph (c) of the above clause if the contract is not the result of full and open competition.

(c) The Offeror/Contractor shall also identify those supplies which it will not manufacture or to which it will not contribute significant value. This information is not required for commercial items sold in substantial quantities to the general public when the price is, or is based on, established catalog or market prices.

25. FAR 52.215-27 TERMINATION)EFINED BENEFIT PENSION PLANS (SEP 1989)

The Contractor shall promptly notify the Contracting Officer in writing when it determines that it will terminate a defined benefit pension plan or otherwise recapture such pension fund assets. If pension fund assets revert to the Contractor or are constructively received by it under a termination or otherwise, the Contractor shall make a refund or give a credit to the Government for its equitable share as required by FAR 31.205-6(j)(4). The Contractor shall include the substance of this clause in all subcontracts under this contract which meet the applicability requirement of FAR 15.804-8(e).

26. FAR 52.215-33 ORDER OF PRECEDENCE (JAN 1986)

NOTE: This clause applies to this contract if the contract was negotiated.

Any inconsistency in this solicitation or contract shall be resolved by giving precedence in the following order: (a) the Schedule (excluding the specifications); (b) representations and other instructions; (c) contract clauses; (d) other documents, exhibits, and attachments; and (e) the specifications.

27. FAR 52.219-8 UTILIZATION OF SMALL BUSINESS CONCERNS AND SMALL DISADVANTAGED BUSINESS CONCERNS (FEB 1990)

(a) It is the policy of the United States that small business concerns and small business concerns owned and controlled by socially and economically disadvantaged individuals shall have the maximum practicable opportunity to participate in performing contracts let by any Federal agency, including contracts and subcontracts for subsystems, assemblies, components, and related services for major systems. It is further the policy of the United States that its prime contractors establish procedures to ensure the timely payment of amounts due pursuant to the terms of their subcontracts with small business concerns and small business concerns owned and controlled by socially and economically disadvantaged individuals.

(b) The Contractor hereby agrees to carry out this policy in the awarding of subcontracts to the fullest extent consistent with efficient contract performance. The Contractor further agrees to cooperate in any studies or surveys as may be conducted by the United States Small Business Administration or the awarding agency of the United States as may be necessary to determine the extent of the Contractor's compliance with this clause.

(c) As used in this contract, the term "small business concern" shall mean a small business as defined pursuant to section 3 of the Small Business Act and relevant regulations promulgated pursuant thereto. The term "small business concern owned and controlled by socially and economically disadvantaged individuals" shall mean a small business concern (1) which is at least 51 percent unconditionally owned by one or more socially and economically disadvantaged individuals; or, in the case of any publicly owned business, at least 51 per centum of the stock of which is unconditionally owned by one or more socially and economically disadvantaged individuals; and (2) whose management and daily business operations are controlled by one or more of such individuals. This term also means a small business concern that is a least 51 percent unconditionally owned by an economically disadvantaged Indian tribe or Native Hawaiian organization, or a publicly owned business having at least 51 percent of its stock unconditionally owned by one of these entities which has its management and daily business controlled by members or an economically disadvantaged Indian tribe or Native Hawaiian Organization, and which meets the requirements or 13 CFR 124. The Contractor shall presume that socially and economically disadvantaged individuals include Black Americans, Hispanic Americans, Native Americans, Asian-Pacific Americans, Subcontinent Asian Americans and other minorities, or any other individual found to be disadvantaged by the ;nistration pursuant to section 8(a) of the Small Business Act. The Contractor shall presume that socially and economically disadvantaged entities also include Indian Tribes and Native Hawaiian Organizations.

(d) Contractors acting in good faith may rely on written representations by their subcontractors regarding their status as either a small business concern or a small business concern owned and controlled by socially and economically disadvantaged individuals.

28. FAR 52.219-9 SMALL BUSINESS AND SMALL DISADVANTAGED BUSINESS SUBCONTRACTING PLAN (JAN 1991), AND ALTERNATE I (FEB 1990)

(a) This clause does not apply to small business concerns.

(b) "Commercial product," as used in this clause, means a product in regular production that is sold in substantial quantities to the general public and/or industry at established catalog or market prices. It also means a product which, in the opinion of the Contracting Officer, differs only insignificantly from the Contractor's commercial product.

"Subcontract," as used in this clause, means any agreement (other than one involving an employer-employee relationship) entered into by a Federal Government prime Contractor or subcontractor calling for supplies or services required for performance of the contract or subcontract.

(c) The offeror, upon request by the Contracting Officer, shall submit and negotiate a subcontracting plan, where applicable, which separately addresses subcontracting with small business concerns and small disadvantaged business concerns. If the offeror is submitting an individual contract plan, the plan must separately address subcontracting with small business concerns and with small disadvantaged business concerns with a separate part for each option (if any). The plan shall be included in and made a part of the resultant contract. The subcontracting plan shall be negotiated within the time specified by the Contracting Officer. Failure to submit and negotiate the subcontracting plan shall make the offeror ineligible for award of a contract.

(d) The offeror's subcontracting plan shall include the following:

(1) Goals, expressed in terms of percentages of total planned subcontracting dollars, for the use of small business concerns and small disadvantaged business concerns as subcontractors. The offeror shall include all subcontracts that contribute to contract performance, and may include a proportionate share of products and services that are normally allocated as indirect costs.

(2) A statement of–

(i) Total dollars planned to be subcontracted;

(ii) Total dollars planned to be subcontracted to small business concerns; and

(iii) Total dollars planned to be subcontracted to small disadvantaged business concerns.

(3) A description of the principal types of supplies and services to be subcontracted, and an identification of the types planned for subcontracting to (i) small business concerns and (ii) small disadvantaged business concerns.

(4) A description of the method used to develop the subcontracting goals in (1) above.

(5) A description of the method used to identify potential sources for solicitation purposes (e.g., existing company source lists, the Procurement Automated Source System (PASS) of the Small Business Administration, the National Minority Purchasing Council Vendor Information Service, the Research and Information Division of the Minority Business Development Agency in the Department of Commerce, or small and small disadvantaged business concerns trade associations).

(6) A statement as to whether or not the offeror included indirect costs in establishing subcontracting goals, and a description of the method used to determine the proportionate share of indirect costs to be incurred with (i) small business concerns and (ii) small disadvantaged business concerns.

(7) The name of the individu mployed by the offeror who will administer the offeror's subcontracting program, and a description of the duties of the individual.

(8) A description of the efforts the offeror will make to assure that small business concerns and small disadvantaged business concerns have an equitable opportunity to compete for subcontracts.

(9) Assurances that the offeror will include the clause in this contract entitled "Utilization of Small Business Concerns and Small Disadvantaged Business Concerns" in all subcontracts that offer further subcontracting opportunities, and that the offeror will require all subcontractors (except small business concerns) who receive subcontracts in excess of $500,000 ($1,000,000 for construction of any public facility), to adopt a plan similar to the plan agreed to by the offeror.

(10) Assurances that the offeror will (i) cooperate in any studies or surveys as may be required, (ii) submit periodic reports in order to allow the Government to determine the extent of compliance by the offeror with the subcontracting plan, (iii) submit Standard Form (SF) 294, Subcontracting Report for Individual Contracts, and/or SF 295, Summary Subcontract Report, in Accordance with the instructions on the forms, and (iv) ensure that its subcontractors agree to submit Standard Forms 294 and 295.

(11) A recitation of the types of records the offeror will maintain to demonstrate procedure that have been adopted to comply with the requirements and goals in the plan, including establishing source lists; and a description of its efforts to locate small and small disadvantaged business concerns and award subcontracts to them. The records shall include at least the following (on a plant-wide or company-wide basis, unless otherwise indicated):

(i) Source lists, guides, and other data that identify small and small disadvantaged business concerns.

(ii) Organizations contacted in an attempt to locate sources that are small or small disadvantaged business concerns.

(iii) Records on each subcontract solicitation resulting in an award of more than $100,000, indicating (A) whether small business concerns were solicited and if not, why not, (B) whether small disadvantaged business concerns were solicited and if not, why not, and (C) if applicable, the reason award was not made to a small business concern.

(iv) Records of any outreach efforts to contact (A) trade associations, (B) business development organizations, and (C) conferences and trade fairs to locate small and small disadvantaged business sources.

(v) Records of internal guidance and encouragement provided to buyers through (A) workshops, seminars, training, etc., (B) monitoring performance to evaluate compliance with the program's requirements.

(vi) On a contract-by-contract basis, records to support award data submitted by the offeror to the Government, including the name, address, and business size of each subcontractor. Contractors having company or division-wide annual plans need not comply with this requirement.

(e) In order to effectively implement this plan to the extent consistent with efficient contract performance, the Contractor shall perform the following functions:

(1) Assist small business and small disadvantaged business concerns by arranging solicitations, time for the preparation of bids, quantities, specifications, and delivery schedules so as to facilitate the participation by such concerns. Where the Contractor's lists of potential small business and small disadvantaged subcontractors are excessively long, reasonable effort shall be made to give all such small business concerns an opportunity to compete over a period of time.

(2) Provide a uate and timely consideration of the potentialities of small business and small disadvantaged business concerns in all "make-or-buy" decisions.

(3) Counsel and discuss subcontracting opportunities with representatives of small and small disadvantaged business firms.

(4) Provide notice to subcontractors concerning penalties remedies for misrepresentations of business status as small business or small disadvantaged business for the purpose of obtaining a subcontract that is to be included as part or all of a goal contained in the Contractor's subcontracting plan.

(f) A master subcontracting plan on a plant or division-wide basis which contains all the elements required by (d) above, except goals, may be incorporated by reference as a part of the subcontracting plan required of the offeror by this clause; provided, (1) the master plan has been approved, (2) the offeror provides copies of the approved master plan and evidence of its approval to the Contracting Officer, and (3) goals and any deviations from the master plan deemed necessary by the Contracting Officer to satisfy the requirements of this contract are set forth in the individual subcontracting plan.

(g) (1) If a commercial product is offered, the subcontracting plan required by this clause may relate to the offeror's production generally, for both commercial and noncommercial products, rather than solely to the Government contract. In these cases, the offeror shall, with the concurrence of the Contracting Officer, submit one company-wide or division-wide annual plan.

(2) The annual plan shall be reviewed for approval by the agency awarding the offeror its first prime contract requiring a subcontracting plan during the fiscal year, or by an agency satisfactory to the Contracting Officer.

(3) The approved plan shall remain in effect during the offeror's fiscal year for all of the offeror's commercial products.

(h) Prior compliance of the offeror with other such subcontracting plans under previous contracts will be considered by the Contracting Officer in determining the responsibility of the offeror for award of the contract.

(i) The failure of the Contractor or subcontractor to comply in good faith with (1) the clause of this contract entitled "Utilization of Small Business Concerns and Small Disadvantaged Business Concerns," or (2) an approved plan required by this clause, shall be a material breach of the contract.

Alternate I (AUG 1989)

When contracting by sealed bidding rather than by negotiation, substitute the following paragraph (c) for paragraph (c) of the above clause:

(c) The apparent low bidder, upon request by the Contracting Officer, shall submit a subcontracting plan, where applicable, which separately addresses subcontracting with small business concerns and with small disadvantaged business concerns. If the bidder is submitting an individual contract plan, the plan must separately address subcontracting with small business concerns and with small disadvantaged business concerns with a separate part for the basic contract and separate parts for each option (if any). The plan shall be included in and made a part of the resultant contract. The subcontracting plan shall be submitted within the time specified by the Contracting Officer. Failure to submit the subcontracting plan shall make the bidder ineligible for the award of a contract.

29. FAR 52.219-13 UTILIZATION OF WOMEN-OWNED SMALL BUSINESSES (AUG 1986)

(a) "Women-owned small businesses," as used in this clause, means small business concerns that are at least 51 percent owned by women who are United States citizens and who also control and operate the business.

"Control," as used in this clause, means exercising the power to make policy decisions.

"Operate," as used in this clause, means being actively involved in the day-to-day management of the business.

"Small business concern," as used in this clause, means a concern including its affiliates, that is independently owned and operated, not dominant in the field of operation in which it is bidding on Government contracts, and qualified as a small business under the criteria and size standards in 13 CFR 121.

(b) It is the policy of the United States that women-owned small businesses shall have the maximum practicable opportunity to participate in performing contracts awarded by any Federal agency.

(c) The Contractor agrees to use its best efforts to give women-owned small businesses the maximum practicable opportunity to participate in the subcontracts it awards to the fullest extent consistent with the efficient performance of its contract.

(d) The Contractor may rely on written representations by its subcontractors regarding their status as women-owned small businesses.

30. FAR 52.219-16 LIQUIDATED DAMAGES-SMALL BUSINESS SUBCONTRACTING PLAN (AUG 1989)

"NOTE: This clause applies to this contract only if (1) the total firm-fixed-price is in excess of $500,000, (2) DEAR 952.219-9 applies to this contract, and (3) a Pub. L. 95-507 Subcontracting Plan is required by this contract."

(a) "Failure to make a good faith effort to comply with the subcontracting plan," as used in this clause, means a willful or intentional failure to perform in accordance with the requirements of the subcontracting plan approved under the clause in this contract entitled "Small Business and Small Disadvantaged Business Subcontracting Plan," or willful or intentional action to frustrate the plan.

(b) If, at contract completion, or in the case of a commercial products plan, at the close of the fiscal year for which the plan is applicable, the Contractor has failed to meet its subcontracting goals and the Contracting Officer decides in accordance with paragraph (c) of this clause that the Contractor failed to make good faith effort to comply with its subcontracting plan, established in accordance with the clause in this contract entitled Small and Small Disadvantaged Business Subcontracting Plans, the Contractor shall pay the Government liquidated damages in an amount stated. The amount of damages attributable to the Contractor's failure to comply shall be an amount equal to the actual dollar amount by which the Contractor failed to achieve each subcontract goal or, in the case of a commercial products plan, that portion of the dollar amount allocable to Government contracts by which the Contractor failed to achieve each subcontract goal.

(c) Before the Contracting Officer makes a final decision that the Contractor has failed to make such good faith effort, the Contracting Officer shall give the Contractor written notice specifying the failure and permitting the Contractor to demonstrate what good faith efforts have been made. Failure to respond to the notice may be taken as an admission that no valid explanation exists. If, after consideration of all the pertinent data, the Contracting Officer finds that the Contractor failed to make a good faith effort to comply with the subcontracting plan, the Contracting Officer shall issue a final decision to that effect and require that the Contractor pay the Government liquidated damages as provided in paragraph (b) of this clause.

(d) With respect to commercial products plans, i.e., company-wide or division-wide subcontracting plans approved under paragraph (g) of the clause in this contract entitled, Small Business and Small Disadvantaged Business Subcontracting Plan, the Contracting Officer of the agency that originally approved the plan will exercise the functions of the Contracting Officer under this clause on behalf of all agencies that awarded contracts covered by that commercial products plan.

(e) The Contractor shall have the right of appeal, under the clause in this contract entitled Disputes, from any final decision of the Contracting Officer.

(f) Liquidated damages shall be in addition to any other remedies that the Government may have.

31. FAR 52.220-3 UTILIZATION OF LABOR SURPLUS AREA CONCERNS (APR 1984)

(a) Applicability. This clause is applicable if this contract exceeds the appropriate small purchase limitation in Part 13 of the Federal Acquisition Regulation.

(b) Policy. It is the policy of the Government to award contracts to concerns that agree to perform substantially in labor surplus areas (LSA's) when this can be done consistent with the efficient performance of the contract and at prices no higher than are obtainable elsewhere. The Contractor agrees to use its best efforts to place subcontracts in accordance with this policy.

(c) Order of preference. In complying with paragraph (b) above and with paragraph (c) of the clause of this contract entitled Utilization of Small Business Concerns and Small Disadvantaged Business Concerns, the Contractor shall observe the following order of preference in awarding subcontracts:

(1) small business concerns that are LSA concerns,
(2) other small business concerns, and
(3) other LSA concerns.

(d) Definitions. "Labor surplus area," as used in this clause, means a geographical area identified by the Department of Labor in accordance with 20 CFR 654, Subpart A, as an area of concentrated unemployment or underemployment or an area of labor surplus.

"Labor surplus area concern," as used in this clause, means a concern that together with its first-tier subcontractors will perform substantially in labor surplus areas. Performance is substantially in labor surplus areas if the costs incurred under the contract on account of manufacturing, production, or performance of appropriate services in labor surplus areas exceed 50 percent of the contract price.

32. FAR 52.222-1 NOTICE TO THE GOVERNMENT OF LABOR DISPUTES (APR 1984)

(a) If the Contractor has knowledge that any actual or potential labor dispute is delaying or threatens to delay the timely performance of this contract, the Contractor shall immediately give notice, including all relevant information, to the Contracting Officer.

(b) The Contractor agrees to insert the substance of this clause, including this paragraph (b), in any subcontract to which a labor dispute may delay the timely performance of this contract; except that each subcontract shall provide that in the event its timely performance is delayed or threatened by delay by any actual or potential labor dispute, the subcontractor shall immediately notify the next higher tier subcontractor or the prime Contractor, as the case may be, of all relevant information concerning the dispute.

33. FAR 52.222-20 WALSH-HEALEY PUBLIC CONTRACTS ACT (APR 1984)

If this contract is for the manufacture or furnishing of materials, supplies, articles or equipment in an amount that exceeds or may exceed $10,000, and is subject to the Walsh-Healey Public Contracts Act, as amended (41 U.S.C. 35-45), the following terms and conditions apply:

(a) All representations and stipulations required by the Act and regulations issued by the Secretary of labor (41 CFR Chapter 50) are incorporated by reference. These representations and stipulations are subject to all applicable rulings and interpretations of the Secretary of Labor that are now, or may hereafter, be in effect.

(b) All employees whose work relates to this contract shall be paid not less than the minimum wage prescribed by regulations issued by the Secretary of Labor (41 CFR 52.202.2). Learners, student learners, apprentices, and handicapped workers may be employed at less than the prescribed minimum wage (see 41 CFR 50.202.3) to the same

extent that such employment is per. :d under Section 14 of the Fair Labor Standards Act (41 U.S.C. 40).

34. FAR 52.222-26 EQUAL OPPORTUNITY (APR 1984)

(a) If, during any 12-month period (including the 12 months preceding the award of this contract), the Contractor has been or is awarded nonexempt Federal contracts and/or subcontracts that have an aggregate value in excess of $10,000, the Contractor shall comply with subparagraphs (b)(1) through (11) below. Upon request, the Contractor shall provide information necessary to determine the applicability of this clause.

(b) During performing this contract, the Contractor agrees as follows:

(1) The Contractor shall not discriminate against any employee or applicant for employment because of race, color, religion, sex, or national origin.

(2) The Contractor shall take affirmative action to ensure that applicants are employed, and that employees are treated during employment, without regard to their race, color, religion, sex, or national origin. This shall include, but not be limited to, (i) employment, (ii) upgrading, (iii) demotion, (iv) transfer, (v) recruitment or recruitment advertising, (vi) layoff or termination, (vii) rates of pay or other forms of compensation, and (viii) selection for training, including apprenticeship.

(3) The Contractor shall post in conspicuous places available to employees and applicants for employment the notices to be provided by the Contracting Officer that explain this clause.

(4) The Contractor shall, in all solicitations or advertisements for employees placed by or on behalf of the Contractor, state that all qualified applicants will receive consideration for employment without regard to race, color, religion, sex, or national origin.

(5) The Contractor shall send, to each labor union or representative of workers with which it has a collective bargaining agreement or other contract or understanding, the notice to be provided by the Contracting Officer advising the labor union or workers' representative of the Contractor's commitments under this clause, and post copies of the notice in conspicuous places available to employees and applicants for employment.

(6) The Contractor shall comply with Executive Order 11246, as amended, and the rules, regulations, and orders of the Secretary of Labor.

(7) The Contractor shall furnish to the contracting agency all information required by Executive Order 11246, as amended, and by the rules, regulations, and orders of the Secretary of Labor. Standard Form 100 (EEO-1), or any successor form, is the prescribed form to be filed within 30 days following the award, unless filed within 12 months preceding the date of award.

(8) The Contractor shall permit access to its books, records, and accounts by the contracting agency or the Office of Federal Contract Compliance Programs (OFCCP) for the purposes of investigation to ascertain the Contractor's compliance with the applicable rules, regulations, and orders.

(9) If the OFCCP determines that the Contractor is not in compliance with this clause or any rule, regulation, or order of the Secretary of Labor, this contract may be canceled, terminated, or suspended in whole or in part and the Contractor may be declared ineligible for further Government contracts, under the procedures authorized in Executive Order 11246, as amended. In addition, sanctions may be imposed and remedies invoked against the Contractor as provided in Executive Order 11246, as amended, the rules, regulations, and orders of the Secretary of Labor, or as otherwise provided by law.

(10) The Contractor shall include the terms and conditions of subparagraph (b)(1) through (11) of this clause in every subcontract or purchase order that is not exempted by the rules, regulations, o ers of the Secretary of Labor issued under Executive Order 11246, as amended, so that these terms and conditions will be binding upon each subcontractor or vendor.

(11) The Contractor shall take such action with respect to any subcontract or purchase order as the contracting agency may direct as a means of enforcing these terms and conditions, including sanctions for noncompliance; provided, that if the Contractor becomes involved in, or is threatened with, litigation with a subcontractor or vendor as a result of any direction, the Contractor may request the United States to enter into the litigation to protect the interests of the United States.

(c) Notwithstanding any other clause in this contract, disputes relative to this clause will be governed by the procedures in 41 CFR 60-1.1.

35. FAR 52.222-28 EQUAL OPPORTUNITY PREAWARD CLEARANCE OF SUBCONTRACTS (APR 1984)

NOTE: This clause is applicable if the price is $1,000,000 or greater.

Notwithstanding the clause entitled "Subcontractors," the Contractor shall not enter into a first-tier subcontract for an estimated or actual amount of $1 million or more without obtaining in writing from the Contracting Officer a clearance that the proposed subcontractor is in compliance with equal opportunity requirements and therefore is eligible for award.

36. FAR 52.222-35 AFFIRMATIVE ACTION FOR SPECIAL DISABLED AND VIETNAM ERA VETERANS (APR 1984)

(a) Definitions. "Appropriate office of the State employment service system," as used in this clause, means the local office of the Federal-State national system of public employment offices assigned to serve the area where the employment opening is to be filled, including the District of Columbia, Guam, Puerto Rico, Virgin Islands, American Samoa, and the Trust Territory of the Pacific Islands.

"Openings that the Contractor proposes to fill from within its own organization," as used in this clause, means employment openings for which no one outside the Contractor's organization (including any affiliates, subsidiaries, and the parent companies) will be considered and includes any openings that the Contractor proposes to fill from regularly established "recall" lists.

"Openings that the Contractor proposes to fill under a customary and traditional employer-union hiring arrangement," as used in this clause, means employment openings that the Contractor proposes to fill from union halls, under their customary and traditional employer-union hiring relationship.

"Suitable employment openings," as used in this clause–

(1) Includes, but is not limited to, openings that occur in jobs categorized as–

(i) Production and nonproduction;
(ii) Plant and office;
(iii) Laborers and mechanics;
(iv) Supervisory and nonsupervisory;
(v) Technical; and
(vi) Executive, administrative, and professional positions compensated on a salary basis of less than $25,000 a year; and

(2) Includes full-time employment, temporary employment of over 3 days, and part-time employment, but not openings that the Contractor proposes to fill from within its own organization or under a customary and traditional employer-union hiring arrangement, nor openings in an educational institution that are restricted to students of that institution.

(b) General.

(1) Regarding any position for which the employee or applicant for employment is qualified, the Contractor shall not discriminate against the individual because the individual is a special disabled or Vietnam Era veteran. The Contractor agrees to take affirmative action to employ, advance in employment, and otherwise treat qualified special disabled and Vietnam Era veterans without

discrimination based upon their disab or veterans' status in all employment practices such as—

(i) Employment;
(ii) Upgrading;
(iii) Demotion or transfer;
(iv) Recruitment;
(v) Advertising;
(vi) Layoff or termination;
(vii) Rates of pay or other forms of compensation; and
(viii) Selection for training, including apprenticeship.

(2) The Contractor agrees to comply with the rules, regulations, and relevant orders of the Secretary of Labor (Secretary) issued under the Vietnam Era Veterans' Readjustment Assistance Act of 1972 (the Act), as amended.

(c) Listing openings.

(1) The Contractor agrees to list all suitable employment openings existing at contract award or occurring during contract performance, at an appropriate office of the State employment service system in the locality where the opening occurs. These openings include those occurring at any Contractor facility, including one not connected with performing this contract. An independent corporate affiliate is exempt from this requirement.

(2) State and local government agencies holding Federal contracts of $10,000 or more shall also list all their suitable openings with the appropriate office of the State employment service.

(3) The listing of suitable employment openings with the State employment service system is required at least concurrently with using any other recruitment source or effort and involves the obligations of placing a bona fide job order, including accepting referrals of veterans and nonveterans. This listing does not require hiring any particular job applicant or hiring from any particular group of job applicants and is not intended to relieve the Contractor from any requirements of Executive orders or regulations concerning nondiscrimination in employment.

(4) Whenever the Contractor becomes contractually bound to the listing terms of this clause, it shall advise the State employment service system, in each State where it has establishments, of the name and location of each hiring location in the State. As long as the Contractor is contractually bound to these terms and has so advised the State system, it need not advise the State system of subsequent contracts. The Contractor may advise the State system when it is no longer bound by this contract clause.

(5) Under the most compelling circumstances, an employment opening may not be suitable for listing, including situations when (i) the Government's needs cannot reasonably be supplied, (ii) listing would be contrary to national security, or (iii) the requirement of listing would not be in the Government's interest.

(d) Applicability.

(1) This clause does not apply to the listing of employment openings which occur and are filled outside the 50 states, the District of Columbia, Puerto Rico, Guam, Virgin Islands, American Samoa, and the Trust Territory of the Pacific Islands.

(2) The terms of paragraph (c) above of this clause do not apply to openings that the Contractor proposes to fill from within its own organization or under a customary and traditional employer-union hiring arrangement. This exclusion does not apply to a particular opening once an employer decides to consider applicants outside of its own organization or employer-union arrangement for that opening.

(e) Postings.

(1) The Contractor agrees to post employment notices stating (i) the Contractor's obligation under the law to take affirmative action to employ and advance in employment qualified special disab eterans and veterans of the Vietnam era, and (ii) the rights of applicants and employees.

(2) These notices shall be posted in conspicuous places that are available to employees and applicants for employment. They shall be in a form prescribed by the Director, Office of Federal Contract Compliance Programs, Department of Labor (Director), and provided by or through the Contracting Officer.

(3) The Contractor shall notify each labor union or representative of workers with which it has a collective bargaining agreement or other contract understanding, that the Contractor is bound by the terms of the Act, and is committed to take affirmative action to employ, and advance in employment, qualified special disabled and Vietnam Era veterans.

(f) Noncompliance. If the Contractor does not comply with the requirements of this clause, appropriate actions may be taken under the rules, regulations, and relevant orders of the Secretary issued pursuant to the Act.

(g) Subcontracts.
The Contractor shall include the terms of this clause in every subcontract or purchase order of $10,000 or more unless exempted by rules, regulations, or orders of the Secretary. The Contractor shall act as specified by the Director to enforce the terms, including action for noncompliance.

37. FAR 52.222-36 AFFIRMATIVE ACTION FOR HANDICAPPED WORKERS (APR 1984)

(a) General. (1) Regarding any position for which the employee or applicant for employment is qualified, the Contractor shall not discriminate against any employee or applicant because of physical or mental handicap. The Contractor agrees to take affirmative action to employ, advance in employment, and otherwise treat qualified handicapped individuals without discrimination based upon their physical or mental handicap in all employment practices such as—

(i) Employment;
(ii) Upgrading;
(iii) Demotion or transfer;
(iv) Recruitment;
(v) Advertising;
(vi) Layoff or termination;
(vii) Rates of pay or other forms of compensation; and
(viii) Selection for training, including apprenticeship.

(2) The Contractor agrees to comply with the rules, regulations, and relevant orders of the Secretary of Labor (Secretary) issued under the Rehabilitation Act of 1973 (29 U.S.C. 793) (the Act), as amended.

(b) Postings. (1) The Contractor agrees to post employment notices stating (i) the Contractor's obligation under the law to take affirmative action to employ and advance in employment qualified handicapped individuals and (ii) the rights of applicants and employees.

(2) These notices shall be posted in conspicuous places that are available to employees and applicants for employment. They shall be in a form prescribed by the Director, Office of Federal Contract Compliance Programs, Department of Labor (Director), and provided by or through the Contracting Officer.

(3) The Contractor shall notify each labor union or representative of workers with which it has a collective bargaining agreement or other contract understanding, that the Contractor is bound by the terms of Section 503 of the Act and is committed to take affirmative action to employ, and advance in employment, qualified physically and mentally handicapped individuals.

(c) Noncompliance. If the Contractor does not comply with the requirements of this clause, appropriate actions may be taken under the rules, regulations, and relevant orders of the Secretary issued pursuant to the Act.

(d) Subcontracts. The Contractor shall include the terms of this clause in every subcontract or purchase order in excess of $2,500

unless exempted by rules, regulatio. or orders of the Secretary. The Contractor shall act as specified by the Director to enforce the terms, including action for noncompliance.

38. FAR 52.222-37 EMPLOYMENT REPORTS ON SPECIAL DISABLED VETERANS AND VETERANS OF THE VIETNAM ERA (JAN 1988)

(a) The contractor shall report at least annually, as required by the Secretary of Labor, on:

(1) The number of special disabled veterans and the number of veterans of the Vietnam era in the workforce of the contractor by job category and hiring location; and

(2) The total number of new employees hired during the period covered by the report, and of that total, the number of special disabled veterans, and the number of veterans of the Vietnam era.

(b) The above items shall be reported by completing the form entitled "Federal Contractor Veterans' Employment Report VETS-100."

(c) Reports shall be submitted no later than March 31 of each year beginning March 31, 1988.

(d) The employment activity report required by paragraph (a)(2) of this clause shall reflect total hires during the most recent 12-month period as of the ending date selected for the employment profile report required by paragraph (a)(1) of this clause. Contractors may select an ending date: (1) As of the end of any pay period during the period January through March 1st of the year the report is due, or (2) as of December 31, if the contractor has previous written approval from the Equal Employment Opportunity Commission to do so for purposes of submitting the Employer Information Report EEO-1 (Standard Form 100).

(e) The count of veterans reported according to paragraph (a) of this clause shall be based on voluntary disclosure. Each contractor subject to the reporting requirements at 38 U.S.C. 2012(d) shall invite all special disabled veterans and veterans of the Vietnam era who wish to benefit under the affirmative action program at 38 U.S.C. 2012 to identify themselves to the contractor. The invitation shall state that the information is voluntarily provided, that the information will be kept confidential, that disclosure or refusal to provide the information will not subject the applicant or employee to any adverse treatment and that the information will be used only in accordance with the regulations promulgated under 38 U.S.C. 2012.

(f) Subcontracts. The Contractor shall include the terms of this clause in every subcontract or purchase order of $10,000 or more unless exempted by rules, regulations, or orders of the Secretary.

39. FAR 52.223-2 CLEAN AIR AND WATER (APR 1984)

NOTE: This clause applies to this contract only if the price is (a) in excess of $100,000; (b) a facility to be used has been the subject of a conviction under the applicable portion of the Air Act (42 U.S.C. 7413(c)(1)) or the Water Act (33 U.S.C. 1319(c)) and is listed by EPA as a violating facility; or (c) the acquisition is not exempt under FAR 23.104.

(a) "Air Act," as used in this clause, means the Clean Air Act (42 U.S.C. 7401 et seq.).

"Clean air standards," as used in this clause, means–

(1) Any enforceable rules, regulations, guidelines, standards, limitations, orders, controls, prohibitions, work practices, or other requirements contained in, issued under, or otherwise adopted under the Air Act or Executive Order 11738;

(2) An applicable implementation plan as described in section 110(d) of the Air Act (42 U.S.C. 7410(d));

(3) An approved implementation procedure or plan under section 111(c) or section 111(d) of the Air Act (42 U.S.C. 7411(c) or (d)); or

(4) An approv .mplementation procedure under section 112(d) of the Air Act (42 U.S.C. 7412(d)).

"Clean water standards," as used in this clause, means any enforceable limitation, control, condition, prohibition, standard, or other requirement promulgated under the Water Act or contained in a permit issued to a discharger by the Environmental Protection Agency or by a State under an approved program, as authorized by section 402 of the Water Act (33 U.S.C. 1342), or by local government to ensure compliance with pretreatment regulations as required by section 307 of the Water Act (33 U.S.C. 1317).

"Compliance," as used in this clause, means compliance with–

(1) Clean air or water standards; or

(2) A schedule or plan ordered or approved by a court of competent jurisdiction, the Environmental Protection Agency, or an air or water pollution control agency under the requirements of the Air Act or Water Act and related regulations.

"Facility," as used in this clause, means any building, plant, installation, structure, mine, vessel or other floating craft, location, or site of operations, owned, leased, or supervised by a Contractor or subcontractor, used in the performance of a contract or subcontract. When a location or site of operations includes more than one building, plant, installation, or structure, the entire location or site shall be deemed a facility except when the Administrator, or a designee, of the Environmental Protection Agency, determines that independent facilities are collocated in one geographical area.

"Water Act," as used in this clause, means Clean Water Act (33 U.S.C. 1251 et seq.).

(b) The Contractor agrees–

(1) To comply with all the requirements of section 114 of the Clean Air Act (42 U.S.C. 7414) and section 308 of the Clean Water Act (33 U.S.C. 1318) relating to inspection, monitoring, entry, reports, and information, as well as other requirements specified in section 114 and section 308 of the Air Act and the Water Act, and all regulations and guidelines issued to implement those acts before the award of this contract;

(2) That no portion of the work required by this prime contract will be performed in a facility listed on the Environmental Protection Agency List of Violating Facilities on the date when this contract was awarded unless and until the EPA eliminates the name of the facility from the listing;

(3) To use best efforts to comply with clean air standards and clean water standards at the facility in which the contract is being performed; and

(4) To insert the substance of this clause into any nonexempt subcontract, including this subparagraph (b)(4).

40. FAR 52.223-6 DRUG-FREE WORKPLACE (JUL 1990)

(a) Definitions. As used in this clause,

"Controlled substance" means a controlled substance in schedules I through V of section 202 of the Controlled Substances Act (21 U.S.C. 812) and as further defined in regulation at 21 CFR 1308.11-1308.15.

"Conviction" means a finding of guilt (including a plea of nolo contendere) or imposition of sentence, or both, by any judicial body charged with the responsibility to determine violations of the Federal or State criminal drug statutes.

"Criminal drug statute" means a Federal or non-Federal criminal statute involving the manufacture, distribution, dispensing, possession or use of any controlled substance.

"Drug-free workplace" means the site(s) for the performance of work done by the Contractor in connection with a specific contract at which employees of the contractor are prohibited from engaging in the unlawful manufacture, distribution, dispensing, possession, or use of a controlled substance.

"Employee" means an employee of a contractor directly engaged in the performance of work under a Government contract.

"Directly engaged" is defined to include all direct cost employees and any other Contractor employee who has other than a minimal impact or involvement in contract performance.

(b) The Contractor, if other than an individual, shall–within 30 calendar days after award (unless a longer period is agreed to in writing for contracts of 30 calendar days or more performance duration); or as soon as possible for contracts of less than 30 days performance duration–

(1) Publish a statement notifying its employees that the unlawful manufacture, distribution, dispensing, possession, or use of a controlled substance is prohibited in the contractor's workplace and specifying the actions that will be taken against employees for violations of such prohibition;

(2) Establish an ongoing drug-free awareness program to inform such employees about–

(i) The dangers of drug abuse in the workplace;

(ii) The contractor's policy of maintaining a drug-free workplace;

(iii) Any available drug counseling, rehabilitation, and employee assistance programs; and

(iv) The penalties that may be imposed upon employees for drug abuse violations occurring in the workplace.

(3) Provide all employees engaged in performance of the contract with a copy of the statement required by subparagraph (b)(1) of this clause;

(4) Notify such employees in writing in the statement required by subparagraph (b)(1) of this clause that, as a condition of continued employment on this contract, the employee will–

(i) Abide by the terms of the statement; and

(ii) Notify the employer in writing of the employees conviction under a criminal drug statute for a violation occurring in the workplace no later than five (5) days after such conviction.

(5) Notify the contracting officer in writing within 10 calendar days after receiving notice under subdivision (b)(4)(ii) of this clause, from an employee or otherwise receiving actual notice of such conviction. The notice shall include the position title of the employee;

(6) Within 30 days after receiving notice under subdivision (b)(4)(ii) of this clause of a conviction, take one of the following actions with respect to any employee who is convicted of a drug abuse violation occurring in the workplace:

(i) Taking appropriate personnel action against such employee, up to and including termination; or

(ii) Require such employee to satisfactorily participate in a drug abuse assistance or rehabilitation program approved for such purposes by a Federal, State, or local health, law enforcement, or other appropriate agency.

(7) Make a good faith effort to maintain a drug-free workplace through implementation of subparagraphs (b) (1) though (b) (6) of this clause.

(c) The Contractor, if an individual, agrees by award of the contract or acceptance of a purchase order, not to engage in the unlawful manufacture, distribution, dispensing, possession, or use of a controlled substance in the performance of this contract.

(d) In addition to other remedies available to the Government, the Contractor's failure to comply with the requirements of paragraphs (b) and (c) of this clause may, pursuant to FAR 23.506, render the contractor subject to suspension of contract payments, termination of the contract for default, and suspension or debarment.

41. FAR 52.225-3 BUY AMERICAN ACT–SUPPLIES (JAN 1989)

(a) The Buy American Act (41 U.S.C. 10) provides that the Government give preference to domestic end products. "Components," as used in this clause, means those articles, materials, and supplies incorporated directly into the end products.

"Domestic end product," as used in this clause, means (1) an unmanufactured end product mined or produced in the United States, or (2) an end product manufactured in the United States, if the cost of its components mined, produced, or manufactured in the United States exceeds 50 percent of the cost of all its components. Components of foreign origin of the same class or kind as the products referred to in subparagraphs (b)(2) or (3) of this clause shall be treated as domestic. Scrap generated, collected, and prepared for processing in the United States is considered domestic. On acquisitions above $25,000 in value, components of Canadian origin are treated as domestic.

"End products," as used in this clause, means those articles, materials, and supplies to be acquired for public use under this contract.

(b) The Contractor shall deliver only domestic end products, except those–

(1) For use outside the United States;

(2) That the Government determines are not mined, produced, or manufactured in the United States in sufficient and reasonably available commercial quantities of a satisfactory quality;

(3) For which the agency determines that domestic preference would be inconsistent with the public interest: or;

(4) For which the agency determines the cost to be unreasonable (see section 25.105 of the Federal Acquisition Regulation).

(The foregoing requirements are administered in accordance with Executive Order No. 10582, dated December 17, 1954, as amended, and Subpart 25.1 of the Federal Acquisition Regulation.)

42. FAR 52.225-11 RESTRICTIONS ON CERTAIN FOREIGN PURCHASES (MAY 1992)

(a) Unless advance written approval of the Contracting Officer is obtained, the Contractor shall not acquire for use in the performance of this contract–

(1) Any supplies or services originating from sources within the communist areas of North Korea, Vietnam, Cambodia, or Cuba;

(2) Any supplies that are or were located in or transported from or through North Korea, Vietnam, Cambodia, or Cuba; or

(3) Arms, ammunition, or military vehicles produced in South Africa, or manufacturing data for such articles.

(b) The Contractor shall not acquire for use in the performance of this contract supplies or services originating from sources within Iraq, any supplies that are or were located in or transported from or through Iraq, or any supplies or services from entities controlled by the Government of Iraq.

(c) The Contractor agrees to insert the provisions of this clause, including this paragraph (c), in all subcontracts hereunder.

43. FAR 52.225-17 BUY AMERICAN ACT–SUPPLIES UNDER EUROPEAN COMMUNITY AGREEMENT (MAY 1993) [APPLICABLE TO POWER MARKETING ADMINISTRATION AWARDS EXCEEDING $450,000 AND OTHER AWARDS EXCEEDING $176,000]

(a) Definitions. As used in this clause–

"Components" means those articles, materials, and supplies incorporated directly into the end products.

"Domestic end product" means (1) an unmanufactured end product mined or produced in the United States, or (2) an end product manufactured in the United States, if the cost of its components minded, produced, or manufactured in the United States exceeds 50 percent of the cost of all its components. Components of foreign origin of the same class or kind as the products referred to in subparagraphs (c)(2) or (3) of this clause shall be treated as domestic. Scrap generated, collected, and prepared for processing in the United States is considered domestic. On acquisitions above $25,000 in value, components of Canadian origin are treated as domestic.

"End products" means those articles, materials, and supplies to be acquired for public use under this contract.

"European Community (EC) co[illegible] means Belgium, Denmark, Federal Republic of Germany, France, Greece, Ireland, Italy, Luxembourg, the Netherlands, Portugal, Spain, and the United Kingdom.

"EC end product" means an article that (a) is wholly the growth, product, or manufacture of an EC country, (b) in the case of an article which consists in whole or in part of materials from another country or instrumentality has been substantially transformed into a new and different article of commerce with a name, character, or use distinct from that of the article or articles from it was so transformed. The term includes services (except transportation services) incidental to its supply; provided that the value of those incidental services does not exceed that of the product itself. It does not include service contracts as such.

(b) The Buy American Act (41 U.S.C. 10) provides that the Government give preference to domestic end products. In addition, the Memorandum of Understanding between the United States of America and the European Economic Community on Government Procurement provides that offers of EC end products will be evaluated without regard to the Buy American Act.

(c) The Contractor shall deliver only domestic end products or EC end products, except those–

(1) For use outside the United States;

(2) That the government determines are not mined, produced, or manufactured in the United States in sufficient, and reasonably available commercial quantities of a satisfactory quality;

(3) For which the agency determines that domestic preference would be inconsistent with the public interest; or

(4) For which the agency determines the cost to be unreasonable (see section 25.105 of the Federal Acquisition Regulation).

(The foregoing requirements are administered in accordance with Executive Order No. 10582, dated December 17, 1954, as amended, and Subpart 25.1 of the Federal Acquisition Regulation and Executive Order No. 12849.)

44. FAR 52.225-18 EUROPEAN COMMUNITY SANCTIONS FOR END PRODUCTS (MAY 1993) [APPLICABLE TO POWER MARKETING ADMINISTRATION AWARDS LESS THAN $450,000 AND OTHER AWARDS LESS THAN $176,000]

(a) Definitions. As used in this clause–

"Sanctioned European Community end product" means an article that (1) is wholly the growth, product or manufacture of a sanctioned member state of the EC, or (2) in the case of an article which consists in whole or in part of materials from another country or instrumentally, has been substantially transformed in a sanctioned EC country into a new and different article of commerce with a name, character or use distinct from that from which it was so transformed. The term includes services (except transportation services) incidental to its supply; provided, that the value of these incidental services does not exceed that of the product itself. It does not include service contracts as such.

"Sanctioned member state of the EC" is any of the following countries: Belgium, Denmark, Federal Republic of Germany, France, Ireland, Italy, Luxembourg, the Netherlands, and the United Kingdom.

(b) Agreement. The Contractor agrees that no sanctioned EC end products will be delivered under this contract.

45. FAR 52.229-3 FEDERAL, STATE, AND LOCAL TAXES (JAN 1991)

(a) "Contract date," as used in this clause, means the date set for bid opening or, if this is a negotiated contract or a modification, the effective date of this contract or modification.

"All applicable Federal, State, and local taxes and duties," as used in this clause, means all taxes and duties, in effect on the contract date, that th[illegible]xing authority is imposing and collecting on the transactions or property covered by this contract.

"After-imposed Federal tax," as used in this clause, means any new or increased Federal excise tax or duty, or tax that was exempted or excluded on the contract date but whose exemption was later revoked or reduced during the contract period, on the transactions or property covered by this contract that the Contractor is required to pay or bear as the result of legislative, judicial, or administrative action taking effect after the contract date. It does not include social security tax or other employment taxes.

"After-relieved Federal tax," as used in this clause, means any amount of Federal excise tax or duty, except social security or other employment taxes, that would otherwise have been payable on the transactions or property covered by this contract, but which the Contractor is not required to pay or bear, or for which the Contractor obtains a refund or drawback, as the result of legislative, judicial, or administrative action taking effect after the contract date.

(b) The contract price includes all applicable Federal, State, and local taxes and duties.

(c) The contract price shall be increased by the amount of any after-imposed Federal tax, provided the Contractor warrants in writing that no amount for such newly imposed Federal excise tax or duty or rate increase was included in the contract price, as a contingency reserve or otherwise.

(d) The contract price shall be decreased by the amount of any after-relieved Federal tax.

(e) The contract price shall be decreased by the amount of any Federal excise tax or duty, except social security or other employment taxes, that the Contractor is required to pay or bear, or does not obtain a refund of, through the Contractor's fault, negligence, or failure to follow instructions of the Contracting Officer.

(f) No adjustment shall be made in the contract price under this clause unless the amount of the adjustment exceeds $250.

(g) The Contractor shall promptly notify the Contracting Officer of all matters relating to any Federal excise tax or duty that reasonably may be expected to result in either an increase or decrease in the contract price and shall take appropriate action as the Contracting Officer directs.

(h) The Government shall, without liability, furnish evidence appropriate to establish exemption from any Federal, State, or local tax when the Contractor requests such evidence and a reasonable basis exists to sustain the exemption.

46. FAR 52.229-5 TAXES-CONTRACTS PERFORMED IN U.S. POSSESSIONS OR PUERTO RICO (APR 1984)

The term "local taxes," as used in the Federal, State, and local taxes clause of this contract, includes taxes imposed by a possession of the United States or by Puerto Rico.

47. FAR 52.232-1 PAYMENTS (APR 1984)

The Government shall pay the Contractor, upon the submission of proper invoices or vouchers, the prices stipulated in this contract for supplies delivered and accepted or services rendered and accepted, less any deductions provided in this contract. Unless otherwise specified in this contract, payment shall be made on partial deliveries accepted by the Government if–

(a) The amount due on the deliveries warrants it; or

(b) The Contractor requests it and the amount due on the deliveries is at least $1,000 or 50 percent of the total contract price.

48. FAR 52.232-8 DISCOUNTS FOR PROMPT PAYMENT (APR 1989)

(a) Discounts for prompt payment will not be considered in the evaluation of offers. However, any offered discount will form a part of the awards, and will be taken if payment is made within the discount period indicated in the offer by the offeror. As an alternative to offering a prompt payment discount in conjunction with the offer, offerors awarded contracts may include prompt payment discounts on individual invoices.

(b) In connection with any discour. ered for prompt payment, time shall be computed from the date of the invoice. For the purpose of computing the discount earned, payment shall be considered to have been made on the date which appears on the payment check or the date on which an electronic funds transfer was made.

49. FAR 52.232-11 EXTRAS (APR 1984)

Except as otherwise provided in this contract, no payment for extras shall be made unless such extras and the price thereof have been authorized in writing by the Contracting Officer.

50. FAR 52.232-17 INTEREST (JAN 1991)

(a) Notwithstanding any other clause of this contract, all amounts, except amounts that are repayable and which bear interest under a Price Reduction for Defective Cost or Pricing Data clause, that become payable by the Contractor to the Government under this contract (net of any applicable tax credit under the Internal Revenue Code (26 U.S.C. 1481)) shall bear simple interest from the date due until paid unless paid within 30 days of becoming due. The interest rate shall be the interest rate established by the Secretary of the Treasury as provided in Section 12 of the Contract Disputes Act of 1978 (Public Law 95-563), which is applicable to the period in which the amount becomes due, as provided in paragraph (b) of this clause, and then at the rate applicable for each six-month period as fixed by the Secretary until the amount is paid.

(b) Amounts shall be due at the earliest of the following dates:

(1) The date fixed under this contract.

(2) The date of the first written demand for payment consistent with this contract, including any demand resulting from a default termination.

(3) The date the Government transmits to the Contractor a proposed supplemental agreement to confirm completed negotiations establishing the amount of debt.

(4) If this contract provides for revision of prices, the date of written notice to the Contractor stating the amount of refund payable in connection with a pricing proposal or a negotiated pricing agreement not confirmed by contract modification.

(c) The interest charge made under this clause may be reduced under the procedures prescribed in 32.614-2 of the Federal Acquisition Regulation in effect on the date of this contract.

51. FAR 52.232-23 ASSIGNMENT OF CLAIMS (JAN 1986)

(a) The Contractor, under the Assignment of Claims Act, as amended, 31 U.S.C. 3727, 41 U.S.C. 15 (hereafter referred to as "the Act"), may assign its rights to be paid amounts due or to become due as a result of the performance of this contract to a bank, trust company, or other financing institution, including any Federal lending agency. The assignee under such an assignment may thereafter further assign or reassign its right under the original assignment to any type of financing institution described in the preceding sentence.

(b) Any assignment or reassignment authorized under the Act and this clause shall cover all unpaid amounts payable under this contract, and shall not be made to more than one party, except that an assignment or reassignment may be made to one party as agent or trustee for two or more parties participating in the financing of this contract.

(c) The Contractor shall not furnish or disclose to any assignee under this contract any classified document (including this contract) or information related to work under this contract until the Contracting Officer authorizes such action in writing.

52. FAR 52.232-25 PROMPT PAYMENT (SEP 1992)

Notwithstanding any other payment clause in this contract, the Government will make invoice payments and contract financing payments ur. the terms and conditions specified in this clause. Payment shall be considered as being made on the day a check is dated or an electronic funds transfer is made. Definitions of pertinent terms are set forth in 32.902. All days referred to in this clause are calendar days, unless otherwise specified. The term "foreign vendor" means an incorporated concern not incorporated in the United States, or an unincorporated concern having its principal place of business outside the United States.

(a) Invoice Payments.

(1) For purposes of this clause, "invoice payment"means a Government disbursement of monies to a Contractor under a contract or other authorization for supplies or services accepted by the Government. This includes payments for partial deliveries that have been accepted by the Government and final cost or fee payments where amounts owed have been settled between the Government and the Contractor.

(2) Except as indicated in subparagraph (a)(3) and paragraph (c) of this clause, the due date for making invoice payments by the designated payment office shall be the later of the following two events:

(i) The 30th day after the designated billing office has received a proper invoice from the Contractor.

(ii) The 30th day after Government acceptance of supplies delivered or services performed by the Contractor. On a final invoice where the payment amount is subject to contract settlement actions, acceptance shall be deemed to have occurred on the effective date of the contract settlement. However, if the designated billing office fails to annotate the invoice with the actual date of receipt, the invoice payment due date shall be deemed to be the 30th day after the date the Contractor's invoice is dated, provided a proper invoice is received and there is no disagreement over quantity, quality, or Contractor compliance with contract requirements.

(3) The due date on contracts for meat, meat food products, or fish; contracts for perishable agricultural commodities, contracts for dairy products, edible fats or oils,and food products prepared from edible fats or oils, and contracts not requiring the submission of an invoice shall be as follows:

(i) The due date for meat and meat food products, as defined in Section 2(a)(3) of the Packers and Stockyard Act of 1921 (7 U.S.C. 182(3)) and further defined in Pub. L. 98-181 to include any edible fresh or frozen poultry meat, any perishable poultry meat food product, fresh eggs, and any perishable egg product, will be as close as possible to, but not later than, the 7th day after product delivery.

(ii) The due date for fresh or frozen fish, as defined in section 204(3) of the Fish and Seafood Promotion Act of 1986 (16 U.S.C. 4003(3)), will be as close as possible to, but not later than, the seventh day after product delivery. (iii) The due date for perishable agricultural commodities, as defined in Section 1(4) of the Perishable Agricultural Commodities Act of 1930 (7 U.S.C. 499a(44)), will be as close as possible to, but not later than, the 10th day after product delivery, unless another date is specified in the contract.

(iv) The due date for dairy products, as defined in section 111(e) of the Dairy Production Stabilization Act of 1963 (7 U.S.C. 4502(e)), edible fats or oils, and food products prepared from edible fats or oils, will be as close as possible to, but not later than, the 10th day after the date on which a proper invoice has been received.

(v) If the contract does not require submission of an invoice for payment (e.g. periodic lease payments), the due date will be as specified in the contract.

(4) An invoice is the Contractor's bill or written request for payment under the contract for supplies delivered or services performed. An invoice shall be prepared and submitted to the designated billing office specified in the contract. A proper invoice must include the items listed in subdivisions (a)(4)(i) through (a)(4)(viii) of this clause. If the invoice does not comply with these requirements, then the Contractor will be notified of the defect within 7 days after receipt of the invoice at the designated billing office (3 days for meat, meat food products, or fish, and 5 days for perishable agricultural commodities, edible fats or oils, and food products

prepared from edible fats or oils). U. ıely notification will be taken into account in the computation of any interest penalty owed the Contractor in the manner described in subparagraph (a)(6) of this clause.

(i) Name and address of the Contractor.

(ii) Invoice date.

(iii) Contract number or other authorization for supplies delivered or services performed (including order number and contract line item number).

(iv) Description, quantity, unit of measure, unit price, and extended price of supplies delivered or services performed.

(v) Shipping and payment terms (e.g., shipment number and date of shipment, prompt payment discount terms). Bill of lading number and weight of shipment will be shown for shipments on Government bills of lading.

(vi) Name and address of Contractor official to whom payment is to be sent (must be the same as that in the contract or in a proper notice of assignment).

(vii) Name (where practicable), title, phone number and mailing address of person to be notified in event of a defective invoice.

(viii) Any other information or documentation required by other requirements of the contract (such as evidence of shipment).

(5) An interest penalty shall be paid automatically by the Government, without request from the contractor, if payment is not made by the due date and the conditions listed in subdivisions (a)(5)(i) through (a)(5)(iii) of this clause are met, if applicable. An interest penalty shall not be paid on contracts awarded to foreign vendors outside the United States for work performed outside the United States.

(i) A proper invoice was received by the designated billing office.

(ii) A receiving report or other Government documentation authorizing payment was processed and there was no disagreement over quantity, quality, or contractor compliance with any contract term or condition.

(iii) In the case of a final invoice for any balance of funds due the Contractor for supplies delivered or services performed, the amount was not subject to further contract settlement actions between the Government and the Contractor.

(6) The interest penalty shall be at the rate established by the Secretary of the Treasury under Section 12 of the Contract Disputes Act of 1978 (41 U.S.C. 611) that is in effect on the day after the due date, except where the interest penalty is prescribed by other governmental authority. This rate is referred to as the "Renegotiation Board Interest Rate," and it is published in the Federal Register semiannually on or about January 1 and July 1. The interest penalty shall accrue daily on the invoice payment amount approved by the Government and be compounded in 30-day increments inclusive from the first day after the due date through the payment date. That is, interest accrued at the end of any 30-day period will be added to the approved invoice payment amount and be subject to interest penalties if not paid in the succeeding 30-day period. If the designated billing office failed to notify the contractor of a defective invoice within the periods prescribed in subparagraph (a)(4) of this clause, then the due date on the corrected invoice will be adjusted by subtracting the number of days taken beyond the prescribed notification of defects period. Any interest penalty owed the Contractor will be based on this adjusted due date. Adjustments will be made by the designated payment office for errors in calculating interest penalties, if requested by the Contractor.

(i) For the sole purpose of computing an interest penalty that might be due the contractor, Government acceptance shall be deemed to have occurred constructively on the 7th day (unless otherwise specified in this contract) after the Contractor delivered the supplies or performed the services in accordance with the . ıns and conditions of the contract, unless there is a disagreement over quantity, quality, or contractor compliance with a contract provision. In the event that actual acceptance occurs within the constructive acceptance period, the determination of an interest penalty shall be based on the actual date of acceptance. The constructive acceptance requirement does not, however, compel Government officials to accept supplies or services, perform contract administration functions, or make payment prior to fulfilling their responsibilities.

(ii) The following periods of time will not be included in the determination of an interest penalty:

(A) The period taken to notify the Contractor of defects in invoices submitted to the Government, but this may not exceed 7 days (3 days for meat, meat food products, or fish, and 5 days for perishable agricultural commodities, dairy products, edible fats or oils, and food products prepared from edible fats or oils).

(B) The period between the defects notice and resubmission of the corrected invoice by the Contractor.

(iii) Interest penalties will not continue to accrue after the filing of a claim for such penalties under the clause at 52.233-1, Disputes, or for more than 1 year. Interest penalties of less than $1.00 need not be paid.

(iv) Interest penalties are not required on payment delays due to disagreement between the Government and Contractor over the payment amount or other issues involving contract compliance or on amounts temporarily withheld or retained in accordance with the terms of the contract. Claims involving disputes, and any interest that may be payable, will be resolved in accordance with the clause at 52.233-1, Disputes.

(7) An interest penalty shall also be paid automatically by the designated payment office, without request from the contractor, if a discount for prompt payment is taken improperly. The interest penalty will be calculated as described in subparagraph (a)(6) of this clause on the amount of discount taken for the period beginning with the first day after the end of the discount period through the date when the contractor is paid.

(8) If this contract was awarded on or after October 1, 1989, a penalty amount, calculated in accordance with regulations issued by the Office of Management and Budget, shall be paid in addition to the interest penalty amount if the contractor–

(i) Is owed an interest penalty;

(ii) Is not paid the interest penalty within 10 days after the date the invoice amount is paid; and

(iii) Makes a written demand, not later than 40 days after the date the invoice amount is paid, that the agency pay such a penalty.

(b) Contract Financing Payments

(1) For purposes of this clause, "contract financing payment" means a Government disbursement of monies to a Contractor under a contract clause or other authorization prior to acceptance of supplies or services by the Government.

Contract financing payments include advance payments, progress payments based on cost under the clause at 52.232-16, Progress Payments, progress payments based on a percentage or stage of completion (32.102(e)(1)) other than those made under the clause at 52.232-5, Payments Under Fixed-Price Construction Contracts, or the clause at 52.232-10, Payments Under Fixed-Price Architect-Engineer Contracts, and interim payments on cost type contracts.

(2) For contracts that provide for contract financing, requests for payment shall be submitted to the designated billing office as specified in this contract or as directed by the Contracting Officer. Contract financing payments shall be made on the (insert day as prescribed by Agency head; if not prescribed, insert 30th day) day after receipt of a proper contract financing request by the designated billing office. In the event that an audit or other review of a specific financing request is required to ensure compliance with the terms and conditions of the contract, the designated payment office is not compelled to make payment by the due date specified.

(3) For advance payments, loa or other arrangements that do not involve recurrent submissions of contract financing requests, payment shall be made in accordance with the corresponding contract terms or as directed by the Contracting Officer.

(4) Contract financing payments shall not be assessed an interest penalty for payment delays.

(c) If this contract contains the clause at 52.213-1, Fast Payment Procedure, payments will be made within 15 days after the date of receipt of the invoice.

53. FAR 52.232-28 ELECTRONIC FUNDS TRANSFER PAYMENT METHODS (APR 1989)

Payments under this contract will be made by the Government either by check or electronic funds transfer (through the Treasury Fedline Payment System (FEDLINE) or the Automated Clearing House (ACH)), at the option of the Government. After award, but no later than 14 days before an invoice or contract financing request is submitted, the Contractor shall designate a financial institution for receipt of electronic funds transfer payments, and shall submit this designation to the Contracting Officer or other Government official, as directed.

(a) For payment through FEDLINE, the Contractor shall provide the following information:

(1) Name, address, and telegraphic abbreviation of the financial institution receiving payment.

(2) The American Bankers Association 9-digit identifying number for wire transfers of the financing institution receiving payment if the institution has access to the Federal Reserve Communications System.

(3) Payee's account number at the financial institution where funds are to be transferred.

(4) If the financial institution does not have access to the Federal Reserve Communications System, name, address, and telegraphic abbreviation of the correspondent financial institution through which the financial institution receiving payment obtains wire transfer activity. Provide the telegraphic abbreviation and American Bankers Association identifying number for the correspondent institution.

(b) For payment through ACH, the Contractor shall provide the following information:

(1) Routing transit number of the financial institution receiving payment (same as American Bankers Association identifying number used for FEDLINE).

(2) Number of account to which funds are to be deposited.

(3) Type of depositor account ("C" for checking, "S" for savings).

(4) If the Contractor is a new enrollee to the ACH system, a "Payment Information Form," SF 3881, must be completed before payment can be processed.

(c) In the event the Contractor, during the performance of this contract, elects to designate a different financial institution for the receipt of any payment made using electronic funds transfer procedures, notification of such change and the required information specified above must be received by the appropriate Government official 30 days prior to the date such change is to become effective.

(d) The documents furnishing the information required in this clause must be dated and contain the signature, title, and telephone number of the Contractor official authorized to provide it, as well as the Contractor's name and contract number.

(e) Contractor failure to properly designate a financial institution or to provide appropriate payee bank account information may delay payments of amounts otherwise properly due.

54. FAR 52.233-1 DI. TES ALTERNATE I (DEC 1991)

(a) This contract is subject to the Contract Disputes Act of 1978, as amended (41 U.S.C. 601-613).

(b) Except as provided in the Act, all disputes arising under or relating to this contract shall be resolved under this clause.

(c) "Claim," as used in this clause, means a written demand or written assertion by one of the contracting parties seeking, as a matter of right, the payment of money in a sum certain, the adjustment or interpretation of contract terms, or other relief arising under or relating to this contract. A claim arising under a contract, unlike a claim relating to that contract, is a claim that can be resolved under a contract clause that provides for the relief sought by the claimant. However, a written demand or written assertion by the Contractor seeking the payment of money exceeding $50,000 is not a claim under the Act until certified as required by subparagraph (d)(2) below. A voucher, invoice, or other routine request for payment that is not in dispute when submitted is not a claim under the Act. The submission may be converted to a claim under the Act, by com-plying with the submission and certification requirements of this clause, if it is disputed either as to liability or amount or is not acted upon in a reasonable time.

(d)(1) A claim by the Contractor shall be made in writing and submitted to the Contracting Officer for a written decision. A claim by the Government against the Contractor shall be subject to a written decision by the Contracting Officer.

(2) For Contractor claims exceeding $50,000, the Contractor shall submit with the claim a certification that–

(i) The claim is made in good faith;

(ii) Supporting data are accurate and complete to the best of the Contractor's knowledge and belief; and

(iii) The amount requested accurately reflects the contract adjustment for which the Contractor believes the Government is liable.

(3)(i) If the Contractor is an individual, the certification shall be executed by that individual.

(ii) If the Contractor is not an individual, the certification shall be executed by–

(A) A senior company official in charge at the Contractor's plant or location involved; or

(B) An officer or general partner of the Contractor having overall responsibility for the conduct of the Contractor's affairs.

(e) For Contractor claims of $50,000 or less, the Contracting Officer must, if requested in writing by the Contractor, render a decision within 60 days of the request. For Contractor-certified claims over $50,000, the Contracting Officer must, within 60 days, decide the claim or notify the Contractor of the date by which the decision will be made.

(f) The Contracting Officer's decision shall be final unless the Contractor appeals or files a suit as provided in the Act.

(g) At the time a claim by the Contractor is submitted to the Contracting Officer or a claim by the Government is presented to the Contractor, the parties, by mutual consent, may agree to use alternative means of dispute resolution. When using alternate dispute resolution procedures, any claim, regardless of amount, shall be accompanied by the certification described in paragraph (d)(2) of this clause, and executed in accordance with paragraph (d)(3) of this clause.

(h) The Government shall pay interest on the amount found due and unpaid from (1) the date the Contracting Officer receives the claim (properly certified if required), or (2) the date payment otherwise would be due, if that date is later, until the date of payment. Simple interest on claims shall be paid at the rate, fixed by the Secretary of the Treasury as provided in the Act, which is applicable to the period during which the Contracting Officer receives the claim and then at the rate applicable for each 6-month period as fixed by the Treasury Secretary during the pendency of the claim.

(i) The Contractor shall proceed diligently with performance of this contract, pending final resolution of any request for relief, claim,

appeal, or action arising under or re. g to the contract, and comply with any decision of the Contracting Officer.

55. FAR 52.233-3 PROTEST AFTER AWARD (AUG 1989)

(a) Upon receipt of a notice of protest (as defined in 33.101 of the FAR) the Contracting Officer may, by written order to the Contractor, direct the Contractor to stop performance of the work called for by this contract. The order shall be specifically identified as a stop-work order issued under this clause. Upon receipt of the order, the Contractor shall immediately comply with its terms and take all reasonable steps to minimize the incurrence of costs allocable to the work covered by the order during the period of work stoppage. Upon receipt of the final decision in the protest, the Contracting Officer shall either–

(1) Cancel the stop-work order; or

(2) Terminate the work covered by the order as provided in the Default, or the Termination for Convenience of the Government, clause of this contract.

(b) If a stop-work order issued under this clause is canceled either before or after a final decision in the protest, the Contractor shall resume work. The Contracting Officer shall make an equitable adjustment in the delivery schedule or contract price, or both, and the contract shall be modified, in writing, accordingly, if–

(1) The stop-work order results in an increase in the time required for, or in the Contractor's cost properly allocable to, the performance of any part of this contract; and

(2) The Contractor asserts its rights to an adjustment within 30 days after the end of the period of work stoppage; provided, that if the Contracting Officer decides the facts justify the action, the Contracting Officer may receive and act upon a proposal at any time before final payment under this contract.

(c) If a stop-work order is not canceled and the work covered by the order is terminated for the convenience of the Government, the Contracting Officer shall allow reasonable costs resulting from the stop-work order in arriving at the termination settlement.

(d) If a stop-work order is not canceled and the work covered by the order is terminated for default, the Contracting Officer shall allow, by equitable adjustment or otherwise, reasonable costs resulting from the stop-work order.

(e) The Government's rights to terminate this contract at any time are not affected by action taken under this clause.

56. FAR 52.243-1 CHANGES–FIXED-PRICE (AUG 1987)

(a) The Contracting Officer may at any time, by written order, and without notice to the sureties, if any, make changes within the general scope of this contract in any one or more of the following:

(1) Drawings, designs, or specifications when the supplies to be furnished are to be specially manufactured for the Government in accordance with the drawings, designs, or specifications.

(2) Method of shipment or packing.

(3) Place of delivery.

(b) If any such change causes an increase or decrease in the cost of, or the time required for, performance of any part of the work under this contract, whether or not changed by the order, the Contracting Officer shall make an equitable adjustment in the contract price, the delivery schedule, or both, and shall modify the contract.

(c) The Contractor must assert its right to an adjustment under this clause within 30 days from the date of receipt of the written order. However, if the Contracting Officer decides that the facts justify it, the Contracting Officer may receive and act upon a proposal submitted before final payment of the contract.

(d) If the Contractor's proposal includes the cost of property made obsolete or excess by the change, the Contracting Officer shall have the right t scribe the manner of the disposition of the property.

(e) Failure to agree to any adjustment shall be a dispute under the Disputes clause. However, nothing in this clause shall excuse the Contractor from proceeding with the contract as changed.

57. FAR 52.244-1 SUBCONTRACTS (FIXED-PRICE CONTRACTS) (APR 1991)

NOTE: This clause applies only if the price of this contract exceeds $500,000.

(a) This clause does not apply to firm-fixed-price contracts and fixed-price contracts with economic price adjustment. However, it does apply to subcontracts resulting from unpriced modifications to such contracts.

(b) "Subcontract," as used in this clause, includes but is not limited to purchase orders, and changes and modifications to purchase orders. The Contractor shall notify the Contracting Officer reasonably in advance of entering into any subcontract if the Contractor does not have an approved purchasing system and if the subcontract–

(1) Is proposed to exceed $100,000; or

(2) Is one of a number of subcontracts with a single subcontractor, under this contract, for the same or related supplies or services, that in the aggregate are expected to exceed $100,000.

(c) The advance notification required by paragraph (b) above shall include–

(1) A description of the supplies or services to be subcontracted;

(2) Identification of the type of subcontract to be used;

(3) Identification of the proposed subcontractor and an explanation of why and how the proposed subcontractor was selected, including the competition obtained;

(4) The proposed subcontract price and the Contractor's cost or price analysis;

(5) The subcontractor's current, complete, and accurate cost or pricing data and Certificate of Current Cost or Pricing Data, if required by other contract provisions;

(6) The subcontractor's Disclosure Statement or Certificate relating to Cost Accounting Standards when such data are required by other provisions of this contract; and

(7) A negotiation memorandum reflecting–

(i) The principal elements of the subcontract price negotiations;

(ii) The most significant considerations controlling establishment of initial or revised prices;

(iii) The reason cost or pricing data were or were not required;

(iv) The extent, if any, to which the Contractor did not rely on the subcontractor's cost or pricing data in determining the price objective and in negotiating the final price;

(v) The extent, if any, to which it was recognized in the negotiation that the subcontractor's cost or pricing data were not accurate, complete, or current; the action taken by the Contractor and subcontractor; and the effect of any such defective data on the total price negotiated;

(vi) The reasons for any significant difference between the Contractor's price objective and the price negotiated; and

(vii) A complete explanation of the incentive fee or profit plan when incentives are used. The explanation shall identify each critical performance element, management decisions used to quantify each incentive element, reasons for the incentives, and a summary of all trade-off possibilities considered.

(d) The Contractor shall obtain the Contracting Officer's written consent before placing any subcontract for which advance notification is required under paragraph (b) above. However, the Contracting Officer may ratify in writing any such subcontract. Ratification shall constitute the consent of the Contracting Officer.

(e) Even if the Contractor's purch[illegible] system has been approved, the Contractor shall obtain the Contracting Officer's written consent before placing subcontracts that have been selected for special surveillance and so identified in the Schedule of this contract.

(f) Unless the consent or approval specifically provides otherwise, neither consent by the Contracting Officer to any subcontract nor approval of the Contractor's purchasing system shall constitute a determination (1) of the acceptability of any subcontract terms or conditions, (2) of the acceptability of any subcontract price or of any amount paid under any subcontract, or (3) to relieve the Contractor of any responsibility for performing this contract.

(g) No subcontract placed under this contract shall provide for payment on a cost-plus-a-percentage-of-cost basis, and any fee payable under cost-reimbursement subcontracts shall not exceed the fee limitations in subsection 15.903(d) of the Federal Acquisition Regulation (FAR).

(h) The Government reserves the right to review the Contractor's purchasing system as set forth in FAR Subpart 44.3.

58. FAR 52.244-5 COMPETITION IN SUBCONTRACTING (APR 1984)

The Contractor shall select subcontractors (including suppliers) on a competitive basis to the maximum practical extent consistent with the objectives and requirements of the contract.

59. DEAR 952.245-2 GOVERNMENT PROPERTY (FIXED-PRICE CONTRACTS) (DEC 1989)

(a) Government-furnished property. (1) The Government shall deliver to the Contractor, for use in connection with and under the terms of this contract, the Government-furnished property described in the Schedule or specifications together with any related data and information that the Contractor may request and is reasonably required for the intended use of the property (hereinafter referred to as "Government-furnished property").

(2) The delivery or performance dates for this contract are based upon the expectation that Government-furnished property suitable for use (except for property furnished "as-is") will be delivered to the Contractor at the times stated in the Schedule or, if not so stated, in sufficient time to enable the Contractor to meet the contract's delivery or performance dates.

(3) If Government-furnished property is received by the Contractor in a condition not suitable for the intended use, the Contractor shall, upon receipt of it, notify the Contracting Officer, detailing the facts, and, as directed by the Contracting Officer and at Government expense, either repair, modify, return, or otherwise dispose of the property. After completing the directed action and upon written request of the Contractor, the Contracting Officer shall make an equitable adjustment as provided in paragraph (h) of this clause.

(4) If Government-furnished property is not delivered to the Contractor by the required time, the Contracting Officer shall, upon the Contractor's timely written request, make a determination of the delay, if any, caused the Contractor and shall make an equitable adjustment in accordance with paragraph (h) of this clause.

(b) Changes in Government-furnished property. (1) The Contracting Officer may, by written notice, (i) decrease the Government-furnished property provided or to be provided under this contract, or (ii) substitute other Government-furnished property for the property to be provided by the Government, or to be acquired by the Contractor for the Government, under this contract. The Contractor shall promptly take such action as the Contracting Officer ma[illegible]ect regarding the removal, shipment, or disposal of the property covered by such notice.

(2) Upon the Contractor's written request, the Contracting Officer shall make an equitable adjustment to the contract in accordance with paragraph (h) of this clause, if the Government has agreed in the Schedule to make the property available for performing this contract and there is any

(i) Decrease or substitution in this property pursuant to subparagraph (b)(1) above; or

(ii) Withdrawal of authority to use this property, if provided under any other contract or lease.

(c) Title in Government property. (1) The Government shall retain title to all Government-furnished property.

(2) All Government-furnished property and all property acquired by the Contractor, title to which vests in the Government under this paragraph (collectively referred to as "Government property"), are subject to the provisions of this clause. However, special tooling accountable to this contract is subject to the provisions of the Special Tooling clause and is not subject to the provisions of this clause. Title to Government property shall not be affected by its incorporation into or attachment to any property not owned by the Government, nor shall Government property become a fixture or lose its identity as personal property by being attached to any real property.

(3) Title to each item of facilities and special test equipment acquired by the Contractor for the Government under this contract shall pass to and vest in the Government when its use in performing this contract commences or when the Government has paid for it, whichever is earlier, whether or not title previously vested in the Government.

(4) If this contract contains a provision directing the Contractor to purchase material for which the Government will reimburse the Contractor as a direct item of cost under this contract–

(i) Title to material purchased from a vendor shall pass to and vest in the Government upon the vendor's delivery of such material; and

(ii) Title to all other material shall pass to and vest in the Government upon–

(A) Issuance of the material for use in contract performance;

(B) Commencement of processing of the material or its use in contract performance; or

(C) Reimbursement of the cost of the material by the Government, whichever occurs first.

(d) Use of Government property. The Government property shall be used only for performing this contract, unless otherwise provided in this contract or approved by the Contracting Officer.

(e) Property administration. (1) The Contractor shall be responsible and accountable for all Government property provided under this contract and shall comply with Federal Acquisition Regulation (FAR) Subpart 45.5 and the DOE Acquisition Regulation Subpart 945.5, as in effect on the date of this contract.

(2) The Contractor shall establish and maintain a program for the use, maintenance, repair, protection, and preservation of Government property in accordance with sound industrial practice and the applicable provisions of Subpart 45.5 of the FAR and the DOE Acquisition Regulation Subpart 945.5.

(3) If damage occurs to Government property, the risk of which has been assumed by the Government under this contract, the Government shall replace the items or the Contractor shall make such repairs as the Government directs. However, if the Contractor cannot effect such repairs within the time required, the Contractor shall dispose of the property as directed by the Contracting Officer. When any property for which the Government is responsible is replaced or repaired, the Contracting Officer shall make an equitable adjustment in accordance with paragraph (h) of this clause.

(4) The Contractor represents that the contract price does not include any amount for repairs or replacement for which the Government is responsible. Repair or replacement of property for

which the Contractor is responsible .l be accomplished by the Contractor at its own expense.

(f) Access. The Government and all its designees shall have access at all reasonable times to the premises in which any Government property is located for the purpose of inspecting the Government property.

(g) Risk of loss. Unless otherwise provided in this contract, the Contractor assumes the risk of, and shall be responsible for, any loss or destruction of, or damage to, Government property upon its delivery to the Contractor or upon passage of title to the Government under paragraph (c) of this clause. However, the Contractor is not responsible for reasonable wear and tear to Government property or for Government property properly consumed in performing this contract.

(h) Equitable adjustment. When this clause specifies an equitable adjustment, it shall be made to any affected contract provision in accordance with the procedures of the Changes clause. When appropriate, the Contracting Officer may initiate an equitable adjustment in favor of the Government. The right to an equitable adjustment shall be the Contractor's exclusive remedy. The Government shall not be liable to suit for breach of contract for–

(1) Any delay in delivery of Government-furnished property;

(2) Delivery of Government-furnished property in a condition not suitable for its intended use;

(3) A decrease in or substitution of Government furnished property; or

(4) Failure to repair or replace Government property for which the Government is responsible.

(i) Final accounting and disposition of Government property. Upon completing this contract, or at such earlier dates as may be fixed by the Contracting Officer, the Contractor shall submit, in a form acceptable to the Contracting Officer, inventory schedules covering all items of Government property (including any resulting scrap) not consumed in performing this contract or delivered to the Government. The Contractor shall prepare for shipment, deliver f.o.b. origin, or dispose of the Government property as may be directed or authorized by the Contracting Officer. The net proceeds of any such disposal shall be credited to the contract price or shall be paid to the Government as the Contracting Officer directs.

(j) Abandonment and restoration of Contractor's premises. Unless otherwise provided herein, the Government–

(1) May abandon any Government property in place, at which time all obligations of the Government regarding such abandoned property shall cease; and

(2) Has no obligation to restore or rehabilitate the Contractor's premises under any circumstances (e.g., abandonment, disposition upon completion of need, or upon contract completion). However, if the Government-furnished property (listed in the Schedule or specifications) is withdrawn or is unsuitable for the intended use, or if other Government property is substituted, then the equitable adjustment under paragraph (h) of this clause may properly include restoration or rehabilitation costs.

(k) Communications. All communications under this clause shall be in writing.

(l) Overseas contracts. If this contract is to be performed outside of the United States of America, its territories, or possessions, the words "Government" and "Government-furnished" (wherever they appear in this clause) shall be construed as "United States Government" and "United States Government-furnished," respectively.

60. FAR 52.246-2 ı 'ECTION OF SUPPLIES–FIXED-PRICE (JUL 1985)

(a) Definition. "Supplies," as used in this clause, includes but is not limited to raw materials, components, intermediate assemblies, end products, and lots of supplies.

(b) The Contractor shall provide and maintain an inspection system acceptable to the Government covering supplies under this contract and shall tender to the Government for acceptance only supplies that have been inspected in accordance with the inspection system and have been found by the Contractor to be in conformity with contract requirements. As part of the system, the Contractor shall prepare records evidencing all inspections made under the system and the outcome. These records shall be kept complete and made available to the Government during contract performance and for as long afterwards as the contract requires. The Government may perform reviews and evaluations as reasonably necessary to ascertain compliance with this paragraph. These reviews and evaluations shall be conducted in a manner that will not unduly delay the contract work. The right of review, whether exercised or not, does not relieve the Contractor of the obligations under the contract.

(c) The Government has the right to inspect and test all supplies called for by the contract, to the extent practicable, at all places and times, including the period of manufacture, and in any event before acceptance. The Government shall perform inspections and tests in a manner that will not unduly delay the work. The Government assumes no contractual obligation to perform any inspection and test for the benefit of the Contractor unless specifically set forth elsewhere in this contract.

(d) If the Government performs inspection or test on the premises of the Contractor or a subcontractor, the Contractor shall furnish, and shall require subcontractors to furnish, without additional charge, all reasonable facilities and assistance for the safe and convenient performance of these duties. Except as otherwise provided in the contract, the Government shall bear the expense of Government inspections or tests made at other than the Contractor's or subcontractor's premises; provided, that in case of rejection, the Government shall not be liable for any reduction in the value of inspection or test samples.

(e) (1) When supplies are not ready at the time specified by the Contractor for inspection or test, the Contracting Officer may charge to the Contractor the additional cost of inspection or test.

(2) The Contracting Officer may also charge the Contractor for any additional cost of inspection or test when prior rejection makes reinspection or retest necessary.

(f) The Government has the right either to reject or to require correction of nonconforming supplies. Supplies are nonconforming when they are defective in material or workmanship or are otherwise not in conformity with contract requirements. The Government may reject nonconforming supplies with or without disposition instructions.

(g) The Contractor shall remove supplies rejected or required to be corrected. However, the Contracting Officer may require or permit correction in place, promptly after notice, by and at the expense of the Contractor. The Contractor shall not tender for acceptance corrected or rejected supplies without disclosing the former rejection or requirement for correction, and, when required, shall disclose the corrective action taken.

(h) If the Contractor fails to promptly remove, replace, or correct rejected supplies that are required to be removed or to be replaced or corrected, the Government may either (1) by contract or otherwise, remove, replace, or correct the supplies and charge the cost to the Contractor or (2) terminate the contract for default. Unless the Contractor corrects or replaces the supplies within the delivery schedule, the Contracting Officer may require their delivery and make an equitable price reduction. Failure to agree to a price reduction shall be a dispute.

(i) (1) If this contract provides for the performance of Government quality assurance at source, and if requested by the Government, the Contractor shall furnish advance notification of the time (i) when Contractor inspection or tests will be performed in accordance with

the terms and conditions of the contra ıd (ii) when the supplies will be ready for Government inspection.

(2) The Government request shall specify the period and method of the advance notification and the Government representative to whom it shall be furnished. Requests shall not require more than 2 workdays of advance notification if the Government representative is in residence in the Contractor's plant, nor more than 7 workdays in other instances.

(j) The Government shall accept or reject supplies as promptly as practicable after delivery, unless otherwise provided in the contract. Government failure to inspect and accept or reject the supplies shall not relieve the Contractor from responsibility, nor impose liability on the Government, for nonconforming supplies.

(k) Inspections and tests by the Government do not relieve the Contractor of responsibility for defects or other failures to meet contract requirements discovered before acceptance. Acceptance shall be conclusive, except for latent defects, fraud, gross mistakes amounting to fraud, or as otherwise provide in the contract.

(l) If acceptance is not conclusive for any of the reasons in paragraph (k) hereof, the Government, in addition to any other rights and remedies provided by law, or under other provisions of this contract, shall have the right to require the Contractor (1) at no increase in contract price, to correct or replace the defective or nonconforming supplies at the original point of delivery or at the Contractor's plant at the Contracting Officer's election, and in accordance with a reasonable delivery schedule as may be agreed upon between the Contractor and the Contracting Officer; provided, that the Contracting Officer may require a reduction in contract price if the Contractor fails to meet such delivery schedule, or (2) within a reasonable time after receipt by the Contractor of notice of defects or nonconformance, to repay such portion of the contract as is equitable under the circumstances if the Contracting Officer elects not to require correction or replacement. When supplies are returned to the Contractor, the Contractor shall bear the transportation cost from the original point of delivery to the Contractor's plant and return to the original point when that point is not the Contractor's plant. If the Contractor fails to perform or act as required in (1) or (2) above and does not cure such failure within a period of 10 days (or such longer period as the Contracting Officer may authorize in writing) after receipt of notice from the Contracting Officer specifying such failure, the Government shall have the right by contract and charge to the Contractor the cost occasioned the Government thereby.

61. FAR 52.246-16 RESPONSIBILITY FOR SUPPLIES (APR 1984)

(a) Title to supplies furnished under this contract shall pass to the Government upon formal acceptance, regardless of when or where the Government takes physical possession, unless the contract specifically provides for earlier passage of title. (b) Unless the contract specifically provides otherwise, risk of loss of or damage to supplies shall remain with the Contractor until, and shall pass to the Government upon–

(1) Delivery of the supplies to a carrier, if transportation is f.o.b. origin; or

(2) Acceptance by the Government or delivery of the supplies to the Government at the destination specified in the contract, whichever is later, if transportation is f.o.b. destination.

(c) Paragraph (b) above shall not apply to supplies that so fail to conform to contract requirements as to give a right of rejection. The risk of loss of or damage to such nonconforming supplies remains with the Contractor until cure or acceptance. After cure or acceptance, paragraph (b) above shall apply.

(d) Under paragraph (b) above, the Contractor shall not be liable for loss of or damage to supplies caused by the negligence of officers, ıts, or employees of the Government acting within the scope of their employment.

62. FAR 52.247-63 PREFERENCE FOR U.S.-FLAG AIR CARRIERS (APR 1984)

(a) "International air transportation," as used in this clause, means transportation by air between a place in the United States and a place outside the United States or between two places both of which are outside the United States.

"United States," as used in this clause, means the 50 States, the District of Columbia, the Commonwealth of Puerto Rico, and possessions of the United States.

"U.S.-flag air carrier," as used in this clause, means an air carrier holding a certificate under section 401 of the Federal Aviation Act of 1958 (49 U.S.C. 1371).

(b) Section 5 of the International Air Transportation Fair Competitive Practices Act of 1974 (49 U.S.C. 1517) (Fly America Act) requires that all Federal agencies and Government contractors and subcontractors use U.S.-flag air carriers for U.S. Government-financed international air transportation of personnel (and their personal effects) or property, to the extent that service by those carriers is available. It requires the Comptroller General of the United States, in the absence of satisfactory proof of the necessity for foreign-flag air transportation, to disallow expenditures from funds, appropriated or otherwise established for the account of the United States, for international air transportation secured aboard a foreign-flag air carrier if a U.S.-flag air carrier is available to provide such services.

(c) The Contractor agrees, in performing work under this contract, to use U.S.-flag air carriers for international air transportation of personnel (and their personal effects) or property to the extent that service by those carriers is available.

(d) In the event that the Contractor selects a carrier other than a U.S.-flag air carrier for international air transportation, the Contractor shall include a certification on vouchers involving such transportation essentially as follows:

CERTIFICATION OF UNAVAILABILITY OF U.S.-FLAG AIR CARRIERS

I hereby certify that international air transportation of persons (and their personal effects) or property by U.S.-flag air carrier was not available or it was necessary to use foreign flag air carrier service for the following reasons (see section 47.403 of the Federal Acquisition Regulation):

State reasons: . . . . . .

(End of certification)

(e) The Contractor shall include the substance of this clause, including the paragraph (e), in each subcontract or purchase order under this contract that may involve international air transportation.

63. FAR 52.247-64 PREFERENCE FOR PRIVATELY OWNED U.S.-FLAG COMMERCIAL VESSELS (APR 1984)

(a) The Cargo Preference Act of 1954 (46 U.S.C. 1241(b)) requires that Federal departments and agencies shall transport in privately owned U.S.-flag commercial vessels at least 50 percent of the gross tonnage of equipment, materials, or commodities that may be transported in ocean vessels (computed separately for dry bulk carriers, dry cargo liners, and tankers). Such transportation shall be accomplished when any equipment, materials, or commodities, located within or outside the United States, that may be transported by ocean vessel are:

(1) Acquired for a U.S. Government agency account;

(2) Furnished to, or for the account of, any foreign nation without provision for reimbursement;

(3) Furnished for the account of a foreign nation in connection with which the United States advances funds or credits, or guarantees the convertibility of foreign currencies; or

(4) Acquired with advance of funds, loans, or guaranties made by or on behalf of the United States.

(b) The Contractor shall use priv y owned U.S.-flag commercial vessels to ship at least 50 percent of the gross tonnage involved under this contract (computed separately for dry bulk carriers, dry cargo liners, and tankers) whenever shipping any equipment, materials, or commodities under the conditions set forth in paragraph (a) above, to the extent that such vessels are available at rates that are fair and reasonable for privately owned U.S.-flag commercial vessels.

(c) (1) The Contractor shall submit one legible copy of a rated on-board ocean bill of lading for each shipment to both (i) the Contracting Officer and (ii) the Division of National Cargo, Office of Market Development, Maritime Administration, U.S. Department of Transportation, Washington, DC 20590. Subcontractor bills of lading shall be submitted through the Prime Contractor.

(2) The Contractor shall furnish these bill of lading copies (i) within 20 working days of the date of loading for shipments originating in the United States or (ii) within 30 working days for shipments originating outside the United States. Each bill of lading copy shall contain the following information:

(A) Sponsoring U.S. Government agency.

(B) Name of vessel.

(C) Vessel flag of registry.

(D) Date of loading.

(E) Port of loading.

(F) Port of final discharge.

(G) Description of commodity.

(H) Gross weight in pounds and cubic feet if available.

(I) Total ocean freight revenue in U.S. dollars.

(d) Except for small purchases as described in 48 CFR 13, the Contractor shall insert the substance of this clause, including this paragraph (d), in all subcontracts or purchase orders under this contract.

(e) The requirement in paragraph (a) does not apply to–

(1) Small purchases as defined in 48 CFR 13;

(2) Cargoes carried in vessels of the Panama Canal Commission or as required or authorized by law or treaty;

(3) Ocean transportation between foreign countries of supplies purchased with foreign currencies made available, or derived from funds that are made available, under the Foreign Assistance Act of 1961 (22 U.S.C. 2353); and

(4) Shipments of classified supplies when the classification prohibits the use of non-Government vessels.

(f) Guidance regarding fair and reasonable rates for privately owned U.S.-flag commercial vessels may be obtained from the Division of National Cargo, Office of Market Development, Maritime Administration, U.S. Department of Transportation, Washington, DC 20590, Phone: 202-426-4610.

64. FAR 52.249-2 TERMINATION FOR CONVENIENCE OF THE GOVERNMENT (FIXED-PRICE) (APR 1984)

(a) The Government may terminate performance of work under this contract in whole or, from time to time, in part if the Contracting Officer determines that a termination is in the Government's interest. The Contracting Officer shall terminate by delivering to the Contractor a Notice of Termination specifying the extent of termination and the effective date.

(b) After receipt of a Notice of Termination, and except as directed by the Contracting Officer, the Contractor shall immediately proceed with the following obligations, regardless of any delay in determining or adjusting any amounts due under this clause:

(1) Stop work as specified in the notice.

(2) Place no further subcontracts or orders (referred to as subcontracts in this clause) for materials, services, or facilities, except as necessary to complete the continued portion of the contract.

(3) Terminate subcontracts to the extent they relate to the work terminated.

(4) Assign to the Government, as directed by the Contracting Officer, all right, title, and interest of the Contractor under the subcontracts terminated, in which case the Government shall have the right to settle or to pay any termination settlement proposal arising out of those terminations.

(5) With approval or ratification to the extent required by the Contracting Officer, settle all outstanding liabilities and termination settlement proposals arising from the termination of subcontracts; the approval or ratification will be final for purposes of this clause.

(6) As directed by the Contracting Officer, transfer title and deliver to the Government (i) the fabricated or unfabricated parts, work in process, completed work, supplies, and other material produced or acquired for the work terminated, and (ii) the completed or partially completed plans, drawings, information, and other property that, if the contract had been completed, would be required to be furnished to the Government.

(7) Complete performance of the work not terminated.

(8) Take any action that may be necessary, or that the Contracting Officer may direct, for the protection and preservation of the property related to this contract that is in the possession of the Contractor and in which the Government has or may acquire an interest.

(9) Use its best efforts to sell, as directed or authorized by the Contracting Officer, any property of the types referred to in subparagraph (6) above; provided, however, that the Contractor (i) is not required to extend credit to any purchaser and (ii) may acquire the property under the conditions prescribed by, and at prices approved by, the Contracting Officer. The proceeds of any transfer or disposition will be applied to reduce any payments to be made by the Government under this contract, credited to the price or cost of the work, or paid in any other manner directed by the Contracting Officer.

(c) After expiration of the plant clearance period as defined in Subpart 45.6 of the Federal Acquisition Regulation, the Contractor may submit to the Contracting Officer a list, certified as to quantity and quality, of termination inventory not previously disposed of, excluding items authorized for disposition by the Contracting Officer. The Contractor may request the Government to remove those items or enter into an agreement for their storage. Within 15 days, the Government will accept title to those items and remove them or enter into a storage agreement. The Contracting Officer may verify the list upon removal of the items, or if stored, within 45 days from submission of the list, and shall correct the list, as necessary, before final settlement.

(d) After termination, the Contractor shall submit a final termination settlement proposal to the Contracting Officer in the form and with the certification prescribed by the Contracting Officer. The Contractor shall submit the proposal promptly, but no later than 1 year from the effective date of termination, unless extended in writing by the Contracting Officer upon written request of the Contractor within this 1-year period. However, if the Contracting Officer determines that the facts justify it, a termination settlement proposal may be received and acted on after 1 year or any extension. If the Contractor fails to submit the proposal within the time allowed, the Contracting Officer may determine, on the basis of information available, the amount, if any, due the Contractor because of the termination and shall pay the amount determined.

(e) Subject to paragraph (d) above, the Contractor and the Contracting Officer may agree upon the whole or any part of the amount to be paid because of the termination. The amount may include a reasonable allowance for profit on work done. However, the agreed amount, whether under this paragraph (e) or paragraph (f) below, exclusive of costs shown in subparagraph (f)(3) below, may not exceed the total contract price as reduced by (a) the amount of payments previously made and (2) the contract price of work not terminated. The contract shall be amended, and the Contractor paid the agreed amount. Paragraph (f) below shall not limit, restrict, or

affect the amount that may be agreed on to be paid under this paragraph.

(f) If the Contractor and the Contracting Officer fail to agree on the whole amount to be paid because of the termination of work, the Contracting Officer shall pay the Contractor the amounts determined by the Contracting Officer as follows, but without duplication of any amounts agreed on under paragraph (e) above:

(1) The contract price for completed supplies or services accepted by the Government (or sold or acquired under subparagraph (b)(9) above) not previously paid for, adjusted for any saving of freight and other charges.

(2) The total of–

(i) The costs incurred in the performance of the work terminated, including initial costs and preparatory expense allocable thereto, but excluding any costs attributable to supplies or services paid or to be paid under subparagraph (f)(1) above;

(ii) The cost of settling and paying termination settlement proposals under terminated subcontracts that are properly chargeable to the terminated portion of the contract if not included in subdivision (i) above; and

(iii) A sum, as profit on subdivision (i) above, determined by the Contracting Officer under 49.202 of the Federal Acquisition Regulation, in effect on the date of this contract, to be fair and reasonable; however, if it appears that the Contractor would have sustained a loss on the entire contract had it been completed, the Contracting Officer shall allow no profit under this subdivision (iii) and shall reduce the settlement to reflect the indicated rate of loss.

(3) The reasonable costs of settlement of the work terminated, including–

(i) Accounting, legal, clerical, and other expenses reasonably necessary for the preparation of termination settlement proposals and supporting data;

(ii) The termination and settlement of subcontracts (excluding the amounts of such settlements); and

(iii) Storage, transportation, and other costs incurred, reasonably necessary for the preservation, protection, or disposition of the termination inventory.

(g) Except for normal spoilage, and except to the extent that the Government expressly assumed the risk of loss, the Contracting Officer shall exclude from the amounts payable to the Contractor under paragraph (f) above, the fair value, as determined by the Contracting Officer, of property that is destroyed, lost, stolen, or damaged so as to become undeliverable to the Government or to a buyer.

(h) The cost principles and procedures of Part 31 of the Federal Acquisition Regulation, in effect on the date of this contract, shall govern all costs claimed, agreed to, or determined under this clause.

(i) The Contractor shall have the right of appeal, under the Disputes clause, from any determination made by the Contracting Officer under paragraph (d), (f), or (k), except that if the Contractor failed to submit the termination settlement proposal within the time provided in paragraph (d) or (k), and failed to request a time extension, there is no right of appeal. If the Contracting Officer has made a determination of the amount due under paragraph (d), (f), or (k), the Government shall pay the Contractor (1) the amount determined by the Contracting Officer if there is no right of appeal or if no timely appeal has been taken, or (2) the amount finally determined on an appeal.

(j) In arriving at the amount due the Contractor under this clause, there shall be deducted–

(1) All unliquidated advance or other payments to the Contractor under the terminated portion of this contract;

(2) Any claim which the Government has against the Contractor under this contract; and

(3) The agreed price for, or the proceeds of sale of, materials, supplies, or other things acquired by the Contractor or sold under the provisions of this clause and not recovered by or credited to the Government.

(k) If the termination is partial, the Contractor may file a proposal with the Contracting Officer for an equitable adjustment of the price(s) of the continued portion of the contract. The Contracting Officer shall make any equitable adjustment agreed upon. Any proposal by the Contractor for an equitable adjustment under this clause shall be requested within 90 days from the effective date of termination unless extended in writing by the Contracting Officer.

(l) (1) The Government may, under the terms and conditions it prescribes, make partial payments and payments against costs incurred by the Contractor for the terminated portion of the contract, if the Contracting Officer believes the total of these payments will not exceed the amount to which the Contractor will be entitled.

(2) If the total payments exceed the amount finally determined to be due, the Contractor shall repay the excess to the Government upon demand, together with interest computed at the rate established by the Secretary of the Treasury under 50 U.S.C. App. 1215(b)(2). Interest shall be computed for the period from the date the excess payment is received by the Contractor to the date the excess is repaid. Interest shall not be charged on any excess payment due to a reduction in the Contractor's termination settlement proposal because of retention or other disposition of termination inventory until 10 days after the date of the retention or disposition, or a later date determined by the Contracting Officer because of the circumstances.

(m) Unless otherwise provided in this contract or by statute, the Contractor shall maintain all records and documents relating to the terminated portion of this contract for 3 years after final settlement. This includes all books and other evidence bearing on the Contractor's costs and expenses under this contract. The Contractor shall make these records and documents available to the Government, at the Contractor's office, at all reasonable times, without any direct charge. If approved by the Contracting Officer, photographs, microphotographs, or other authentic reproductions may be maintained instead of original records and documents.

65. FAR 52.249-8 DEFAULT (FIXED-PRICE SUPPLY AND SERVICE) (APR 1984)

(a) (1) The Government may, subject to paragraphs (c) and (d) below, by written notice of default to the Contractor, terminate this contract in whole or in part if the Contractor fails to–

(i) Deliver the supplies or to perform the services within the time specified in this contract or any extension;

(ii) Make progress, so as to endanger performance of this contract (but see subparagraph (a)(2) below); or

(iii) Perform any of the other provisions of this contract (but see subparagraph (a)(2) below).

(2) The Government's right to terminate this contract under subdivisions (1)(ii) and (1) (iii) above, may be exercised if the Contractor does not cure such failure within 10 days (or more if authorized in writing by the Contracting Officer) after receipt of the notice from the Contracting Officer specifying the failure.

(b) If the Government terminates this contract in whole or in part, it may acquire, under the terms and in the manner the Contracting officer considers appropriate, supplies or services similar to those terminated, and the Contractor will be liable to the Government for any excess costs for those supplies or services. However, the Contractor shall continue the work not terminated.

(c) Except for defaults of subcontractors at any tier, the Contractor shall not be liable for any excess costs if the failure to perform the contract arises from causes beyond the control and without the fault or negligence of the Contractor. Examples of such causes include (1) acts of God or of the public enemy, (2) acts of the Government in either its sovereign or contractual capacity, (3) fires, (4) floods, (5) epidemics, (6) quarantine restrictions (7) strikes, (8) freight embargoes, and (9) unusually severe weather. In each instance the failure to perform must be beyond the control and without the fault or negligence of the Contractor.

(d) If the failure to perform is ca. , by the default of a subcontractor at any tier, and if the cause of the default is beyond the control of both the Contractor and subcontractor, and without the fault or negligence of either, the Contractor shall not be liable for any excess costs for failure to perform, unless the subcontracted supplies or services were obtainable from other sources in sufficient time for the Contractor to meet the required delivery schedule.

(e) If this contract is terminated for default, the Government may require the Contractor to transfer title and deliver to the Government, as directed by the Contracting Officer, any (1) completed supplies, and (2) partially completed supplies and materials, parts, tools, dies, jigs, fixtures, plans, drawings, information, and contract rights (collectively referred to as "manufacturing materials" in this clause) that the Contractor has specifically produced or acquired for the terminated portion of this contract. Upon direction of the Contracting Officer, the Contractor shall also protect and preserve property in its possession in which the Government has an interest.

(f) The Government shall pay contract price for completed supplies delivered and accepted. The Contractor and Contracting Officer shall agree on the amount of payment for manufacturing materials delivered and accepted and for the protection and preservation of the property. Failure to agree will be a dispute under the Disputes clause. The Government may withhold from these amounts any sum the Contracting Officer determines to be necessary to protect the Government against loss because of outstanding liens or claims of former lien holders.

(g) If, after termination, it is determined that the Contractor was not in default, or that the default was excusable, the rights and obligations of the parties shall be the same as if the termination had been issued for the convenience of the Government.

(h) The rights and remedies of the Government on this clause are in addition to any other rights and remedies provided by law or under this contract.

66. DOE PR 9-9.102-1 AUTHORIZATION AND CONSENT (JUN 1979)

The Government hereby gives its authorization and consent (without prejudice to any rights of indemnification) for all use and manufacture, in the performance of this contract or any part hereof or any amendment hereto or any subcontract hereunder (including any lower-tier subcontract), of any invention described in and covered by a patent of the United States (a) embodied in the structure or composition of any article the delivery of which is accepted by the Government under this contract or (b) utilized in the machinery, tools or methods, the use of which necessarily results from compliance by the contractor or the using subcontractor with (i) specifications or written provisions now or hereafter forming a part of this contract, or (ii) specific written instructions given by the Contracting Officer directing the manner of performance. The entire liability to the Government for infringement of a patent of the United States shall be determined solely by the provisions of the indemnity clauses, if any, included in this contract or any subcontract hereunder (including all lower-tier subcontracts), and the Government assumes liability for all other infringement to the extent of the authorization and consent herein above granted.

67. DOE PR 9-9.103-1 PATENT INDEMNITY (JUN 1979)

NOTE: This clause applies to this contract if the award resulted from sealed bidding.

If the amount of this contract is in excess of $10,000 the contractor shall indemnify the Government and its officers, agents, and employees against liability, including costs, for infringement of any United States letters patent (except U.S. letters patent issued upon an application which is now or may hereafter be kept secret or otherwise withheld from issue by order of the Govern , arising out of the manufacture or delivery of supplies or out of construction, alteration, modification, or repair of real property (hereinafter referred to as "construction work") under this contract, or out of the use or disposal by or for the account of the Government of such supplies or construction work. The foregoing indemnity shall not apply unless the contractor shall have been informed as soon as practicable by the Government of the suit or action alleging such infringement, and shall have been given such opportunity as is afforded by applicable laws, rules, or regulations to participate in the defense thereof; and further, such indemnity shall not apply to: (a) an infringement resulting from compliance with specific written instructions of the Contracting Officer directing a change in the supplies to be delivered or in the materials or equipment to be used, or directing a manner of performance of the contract not normally used by the contractor; (b) an infringement resulting from addition to or change in, such supplies or components furnished or construction work performed which addition or change was made subsequent to delivery or performance by the contractor; or (c) a claimed infringement which is settled without the consent of the contractor, unless required by final decree of a court of competent jurisdiction.

68. DOE PR 9-9.103-3 PATENT INDEMNITY (JUN 1979)

NOTE: This clause applies to this contract if the award resulted from negotiation.

The contractor shall indemnify the Government and its officers, agents, and employees against liability, including costs, for infringement of U.S. Letters Patent (except U.S. Letters Patent issued upon an application which is now or may hereafter be kept secret or otherwise withheld from issue by order of the Government) resulting from the contractor's: (a) furnishing or supplying standard parts or components which have been sold or offered for sale to public on the commercial open market; or (b) utilizing its normal practices or methods which normally are or have been used in providing goods and services in the commercial open market, in the performance of the contract; or (c) utilizing any parts, components, practices, or methods to the extent to which the contractor has secured indemnification from liability. The foregoing indemnity shall not apply unless the contractor shall have been informed as soon as practicable by the Government of the suit or action alleging such infringement, and shall have been given such opportunity as is afforded by applicable laws, rules, or regulations to participate in the defense thereof; and further, such indemnity shall not apply to a claimed infringement which is settled without the consent of the contractor, unless required by final decree of a court of competent jurisdiction or to an infringement resulting from addition to or change in such supplies or components furnished or construction work performed for which addition or change was made subsequent to delivery or performance by the contractor.

69. DOE PR 9-9.104 NOTICE AND ASSISTANCE REGARDING PATENT AND COPYRIGHT INFRINGEMENT (JUN 1979)

NOTE: The provisions of this clause shall be applicable only if the amount of this contract exceeds $10,000.

(a) The contractor shall report to the Contracting Officer, promptly and in reasonable written detail, each notice or claim of patent or copyright infringement based on the performance of this contract of which the contractor has knowledge.

(b) In the event of any claim or suit against the Government on account of any alleged patent or copyright infringement arising out of the performance of this contract or out of the use of any supplies furnished or work or services performed hereunder, the contractor shall furnish to the Government when requested by the Contracting Officer, all evidence and information in possession of the contractor pertaining to such suit or claim. Such evidence and information shall be furnished at the expense of the Government except where the contractor has agreed to indemnify the Government.

(c) This clause shall be included in all subcontracts.

70. DOE PR 9-9.110(c) REPORTIN F ROYALTIES (JUN 1979)

If this contract is in an amount which exceeds $10,000 and if any royalty payments are directly involved in the contract or are reflected in the contract price to the Government, the contractor agrees to report in writing to the Patent Counsel (with notification by Patent Counsel to the Contracting Officer) during the performance of this contract and prior to its completion or final settlement, the amount of any royalties or other payments paid or to be paid by it directly to others in connection with the performance of this contract together with the names and addresses of licensors to whom such payments are made and either the patent numbers involved or such other information as will permit the identification of the patents or other basis on which the royalties are to be paid. The approval of DOE of any individual payments or royalties shall not stop the Government at any time from contesting the enforceability, validity or scope of, or title to, any patent under which a royalty or payments are made.

71. FAR 52.227-14 RIGHTS IN DATA–GENERAL-ALTERNATES I AND V (JUN 1987)

NOTE: This clause applies to this contract unless the clause at FAR 52.227-17 is chosen elsewhere in this contract.

(a) Definitions.

"Computer software," as used in this clause, means computer programs, computer data bases, and documentation thereof.

"Data," as used in this clause, means recorded information, regardless of form or the media on which it may be recorded. The term includes technical data and computer software. The term does not include information incidental to contract administration, such as financial, administrative, cost or pricing, or management information.

"Form, fit, and function data," as used in this clause, means data relating to items, components, or processes that are sufficient to enable physical and functional interchangeability, as well as data identifying source, size, configuration, mating, and attachment characteristics, functional characteristics, and performance requirements; except that for computer software it means data identifying source, functional characteristics, and performance requirements but specifically excludes the source code, algorithm, process, formula, and flow charts of the software.

"Limited rights data," as used in this clause, means data (other than computer software) developed at private expense that embody trade secrets or are commercial or financial and confidential or privileged.

"Technical data", as used in this clause, means data (other than computer software) which are of a scientific or technical nature.

"Restricted computer software," as used in this clause, means computer software developed at private expense and that is a trade secret; is commercial or financial and is confidential or privileged; or is published copyrighted computer software; including minor modifications of such computer software.

"Unlimited rights," as used in this clause, means the right of the Government to use, disclose, reproduce, prepare derivative works, distribute copies to the public, and perform publicly and display publicly, in any manner and for any purpose, and to have or permit others to do so.

"Limited rights," as used in this clause, means the rights of the Government in limited rights data as set forth in the Limited Rights Notice of subparagraph (g)(2) if included in this clause.

"Restricted rights," as used in this clause, means the rights of the Government in restricted computer software, as set forth in a Restricted Rights Notice of subparagraph (g)(3) if included in this clause, or as otherwise may be provided in a collateral agreement incorporat and made part of this contract, including minor modifications of such computer software.

(b) Allocation of rights. (1) Except as provided in paragraph (c) below regarding copyright, the Government shall have unlimited rights in–

(i) Data first produced in the performance of this contract;

(ii) Form, fit, and function data delivered under this contract;

(iii) Data delivered under this contract (except for restricted computer software) that constitute manuals or instructional and training material for installation, operation, or routine maintenance and repair items, components, or processes delivered or furnished for use under this contract; and

(iv) All other data delivered under this contract unless provided otherwise for limited-rights data or restricted computer software in accordance with paragraph (g) below.

(2) The Contractor shall have the right to–

(i) Use, release to others, reproduce, distribute, or publish any data first produced or specifically used by the Contractor in the performance of this contract, unless provided otherwise in paragraph (d) below;

(ii) Protect from unauthorized disclosure and use those data which are limited rights data or restricted computer software to the extent provided in paragraph (g) below:

(iii) Substantiate use of, add or correct limited rights, restricted rights, or copyright notices and to take other appropriate action, in accordance with paragraphs (e) and (f) below; and

(iv) Establish claim to copyright subsisting in data first produced in the performance of this contract to the extent provided in subparagraph (c)(1) below.

(c) Copyright. (1) Data first produced in the performance of this contract. Unless provided otherwise in subparagraph (d) below, the Contractor may establish, without prior approval of the Contracting Officer, claim to copyright subsisting in scientific and technical articles based on or containing data first produced in the performance of this contract and published in academic, technical or professional journals, symposia proceedings or similar works. The prior, express written permission of the Contracting Officer is required to establish claim to copyright subsisting in all other data first produced in the performance of this contract. When claim to copyright is made, the Contractor shall affix the applicable copyright notices of 17 U.S.C. 401 or 402 and acknowledgement of Government sponsorship (including contract number) to the data when such data are delivered to the Government, as well as when the data are published or deposited for registration as a published work in the U.S. Copyright Office. For data other than computer software the Contractor grants to the Government, and others acting on its behalf, a paid-up, nonexclusive, irrevocable worldwide license in such copyrighted data to reproduce, prepare derivative works, distribute copies to the public, and perform publicly and display publicly, by or on behalf of the Government. For computer software, the Contractor grants to the Government and others acting in its behalf, a paid-up nonexclusive, irrevocable worldwide license in such copyrighted computers software to reproduce, prepare derivative works, and perform publicly and display publicly by or on behalf of the Government.

(2) Data not first produced in the performance of this contract. The Contractor shall not, without prior written permission of the Contracting Officer, incorporate in data delivered under this contract any data not first produced in the performance of this contract and which contains the copyright notice of 17 U.S.C. 401 and 402, unless the Contractor identifies such data and grants to the Government, or acquires on its behalf, a license of the same scope as set forth in subparagraph (1) above; provided, however, that if such data are computer software the Government shall acquire a copyright license as set forth in subparagraph (g)(3) below if included in this contract or as otherwise may be provided in a collateral agreement incorporated in or made part of this contract.

(3) Removal of copyrights notices. The Government agrees not to remove any copyright notices placed on data pursuant to this

paragraph (c), and to include such [illegible] es on all reproductions of the data.

(d) Release, publication and use of data. (1) The Contractor shall have the right to use, release to others, reproduce, distribute, or publish any data first produced or specifically used by the Contractor in the performance of this contract, except to the extent such data may be subject to the Federal export control or national security laws or regulations, or unless otherwise provided below in this paragraph or expressly set forth in this contract.

(2) The Contractor agrees that to the extent it receives or is given access to data necessary for the performance of this contract which contain restrictive markings, the Contractor shall treat the data in accordance with such markings unless otherwise specifically authorized in writing by the Contracting Officer.

(3) The Contractor agrees not to establish claim to copyright in computer software first produced in the performance of this contract without prior written permission of the Contracting Officer. When such permission is granted, the Contracting Officer shall specify appropriate terms to assure dissemination of the software.The Contractor shall promptly deliver to the Contracting Officer or to the Patent Counsel designated by the Contracting Officer a duly executed and approved instrument fully confirmatory of all rights to which the Government is entitled, and other terms pertaining to the computer software to which claim to copyright is made.

(e) Unauthorized marking of data. (1) Notwithstanding any other provisions of this contract concerning inspection or acceptance, if any data delivered under this contract are marked with the notices specified in subparagraphs (g)(2) or (g)(3) below and use of such is not authorized by this clause, or if such data bears any other restrictive or limiting markings not authorized by this contract, the contracting officer may at any time either return the data to the contractor, or cancel or ignore the markings. However, the following procedures shall apply prior to canceling or ignoring the markings.

(i) The contracting officer shall make written inquiry to the contractor affording the contractor 30 days from receipt of the inquiry to provide written justification to substantiate the propriety of the markings;

(ii) If the contractor fails to respond or fails to provide written justification to substantiate the propriety of the markings within the 30-day period (or a longer time not exceeding 90 days approved in writing by the contracting officer for good cause shown, the Government shall have the right to cancel or ignore the markings at any time after said period and the data will not longer be made subject to any disclosure prohibitions.

(iii) If the contractor provides written justification to substantiate the propriety of the markings within the period set in subdivision (i) above, the contracting officer shall consider such written justification and determine whether or not the markings are to be canceled or ignore. If the contracting officer determines that the markings are authorized, the contractor shall be so notified in writing. If the contracting officer determines, with concurrence of the head of the contracting activity, that the markings are not authorized, the contracting officer shall furnish the contractor a written determination, which determination shall become the final agency decision regarding the appropriateness of the markings unless the contractor files suit in a court of competent jurisdiction within 90 days of receipt of the contracting officer's decision. The Government shall continue to abide by the markings under this subdivision (iii) until final resolution of the matter either by the contracting officer's determination becoming final (in which instance the Government shall thereafter have the right to cancel or ignore the markings at any time and the data will no longer be made subject to any disclosure prohibitions), or by final disposition of the matter by court decision if suit is filed.

(2) The time [illegible] in the procedures set forth in subparagraph (1) above may be modified in accordance with agency regulations implementing the Freedom of Information Act (5 U.S.C. 552) if necessary to respond to a request thereunder.

(3) This paragraph (e) does not apply if this contract is for a major system or for support of a major system by a civilian agency other than NASA and the U.S. Coast Guard subject to the provisions of Title III of the Federal Property and Administrative Services Act of 1949.

(4) Except to the extent the Government's action occurs as the result of final disposition of the matter by a court of competent jurisdiction, the contractor is not precluded by this paragraph (e) from bringing a claim under the Contract Disputes Act, including pursuant to the Disputes clause of this contract, as applicable, that may arise as the result of the Government removing or ignoring authorized markings on data delivered under this contract.

(f) Omitted or incorrect markings. (1) Data delivered to the Government without either the limited rights or restricted rights notice as authorized by paragraph (g) below, or the copyright notice required by paragraph (c) above, shall be deemed to have been furnished with unlimited rights, and the Government assumes no liability for disclosure, use, or reproduction of such data. However, to the extent the data has not been disclosed without restriction outside the Government, the Contractor may request, within 6 months (or a longer time approved by the Contracting Officer for good cause shown) after delivery of such data, permission to have notices placed on qualifying data at the Contractor's expense, and the Contracting Officer may agree to do so if the Contractor–

(i) Identifies the data to which the omitted notice is to be applied;

(ii) Demonstrates that the omission of the notice was inadvertent;

(iii) Establishes that the use of the proposed notice is authorized; and

(iv) Acknowledges that the Government has no liability with respect to the disclosure, use, or reproduction of any such data made prior to the addition of the notice or resulting from the omission of the notice.

(2) The Contracting Officer may also (i) permit correction at the Contractor's expense of incorrect notices if the Contractor identifies the data on which correction of the notice is to be made, and demonstrates that the correct notice is authorized, or (ii) correct any incorrect notices.

(g) Protection of limited rights data and restricted computer software. (1) When data other than that listed in subparagraphs (b)(1)(i), (ii), and (iii) above are specified to be delivered under this contract and qualify as either limited-rights data or restricted computer software, if the Contractor desires to continue protection of such data, the Contractor shall withhold such data and not furnish them to the Government under this Contract. As a condition to this withholding, the Contractor shall identify the data being withheld and furnish form, fit, and function data in lieu thereof. Limited rights data that are formatted as a computer data base for delivery to the Government is to be treated as limited rights data and not restricted computer software.

(2) [Reserved.]

(3) [Reserved.]

(h) Subcontracting. The Contractor has the responsibility to obtain from its subcontractors all data and rights therein necessary to fulfill the Contractor's obligations to the Government under this contract. If a sub-contractor refuses to accept terms affording the Government such rights, the Contractor shall promptly bring such refusal to the attention of the Contracting Officer and not proceed with subcontract award without further authorization.

(i) Relationship to patents. Nothing contained in this clause shall imply a license to the Government under any patent or be construed as affecting the scope of any license or other right otherwise granted to the Government.

(j) The Contractor agrees, except nay be otherwise specified in this contract for specific data items listed as not subject to this paragraph, that the Contracting Officer or an authorized representative may, up to three years after acceptance of all items to be delivered under this contract, inspect at the Contractor's facility any data withheld pursuant to paragraph (g) (1) above, for purposes of verifying the Contractor's assertion pertaining to the limited rights or restricted rights status of the data or for evaluating work performance. Where the Contractor whose data are to be inspected demonstrates to the Contracting Officer that there would be a possible conflict of interest if the inspection were made by a particular representative, the Contracting Officer shall designate an alternate inspector.

72. FAR 52.227-17 RIGHTS IN DATA–SPECIAL WORKS (JUN 1987)

NOTE: This clause applies to this contract only if chosen elsewhere in the contract.

(a) Definitions.

"Data," as used in this clause, means recorded information regardless of form or the medium on which it may be recorded. The term includes technical data and computer software. The term does not include information incidental to contract administration, such as financial, administrative, cost or pricing or management information.

"Unlimited rights," as used in this clause, means the right of the Government to use, disclose, reproduce, prepare derivative works, distribute copies to the public, and perform publicly and display publicly, in any manner and for any purpose whatsoever, and to have or permit others to do so.

(b) Allocation of Rights. (1) The Government shall have–

(i) Unlimited rights in all data delivered under this contract, and in all data first produced in the performance of this contract, except as provided in paragraph (c) of this clause for copyright.

(ii) The right to limit exercise of claim to copyright in data first produced in the performance of this contract, and to obtain assignment of copyright in such data, in accordance with subparagraph (c)(1) of this clause.

(iii) The right to limit the release and use of certain data in accordance with paragraph (d) of this clause.

(2) The Contractor shall have, to the extent permission is granted in accordance with subparagraph (c)(1) of this clause, the right to establish claim to copyright subsisting in data first produced in the performance of this contract.

(c) Copyright. (1) Data first produced in the performance of this contract.

(i) The Contractor agrees not to assert, establish, or authorize others to assert or establish, any claim to copyright subsisting in any data first produced in the performance of this contract without prior written permission of the Contracting Officer. When claim to copyright is made, the Contractor shall affix the appropriate copyright notice of 17 U.S.C. 401 or 402 and acknowledgment of Government sponsorship (including contract number) to such data when delivered to the Government, as well as when the data are published or deposited for registration as a published work in the U.S. Copyright Office. The Contractor grants to the Government, and others acting on its behalf, a paid-up nonexclusive, irrevocable, worldwide license for all such data to reproduce, prepare derivative works, distribute copies to the public, and perform publicly and display publicly, by or on behalf of the Government.

(ii) If the Government desires to obtain copyright in data first produced in the performance of this contract and permission has not been granted as set forth in subdivision (c)(1)(i) of this clause, the Contracting Officer may direct the Contractor to establish, or authorize the establishment of, claim to copyright in such d and to assign, or obtain the assignment of, such copyright to the Government or its designated assignee.

(2) Data not first produced in the performance of this contract. The Contractor shall not, without prior written permission of the Contracting Officer, incorporate in data delivered under this contract any data not first produced in the performance of this contract and which contain the copyright notice of 17 U.S.C. 401 or 402, unless the Contractor identifies such data and grants to the Government, or acquires on its behalf, a license of the same scope as set forth in subparagraph (c)(1) of this clause.

(d) Release and use restrictions. Except as otherwise specifically provided for in this contract, the Contractor shall not use for purposes other than the performance of this contract, nor shall the Contractor release, reproduce, distribute, or publish any data first produced in the performance of this contract, nor authorize others to do so, without written permission of the Contracting Officer.

(e) Indemnity. The Contractor shall indemnify the Government and its officers, agents, and employees acting for the Government against any liability, including costs and expenses, incurred as the result of the violation of trade secrets, copyrights, or right of privacy or publicity, arising out of the creation, delivery, publication, or use of any data furnished under this contract; or any libelous or other unlawful matter contained in such data. The provisions of this paragraph do not apply unless the Government provides notice to the Contractor as soon as practicable of any claim or suit, affords the Contractor an opportunity under applicable laws, rules, or regulations to participate in the defense thereof, and obtains the Contractor's consent to the settlement of any suit or claim other than as required by final decree of a court of competent jurisdiction; nor do these provisions apply to material furnished to the Contractor by the Government and incorporated in data to which this clause applies.

73. FAR 52.227-23 RIGHTS TO PROPOSAL DATA (TECHNICAL) (JUN 1987)

Except for data contained on pages _____, it is agreed that as a condition of award of this contract, and notwithstanding the conditions of any notice appearing thereon, the Government shall have unlimited rights (as defined in the "Rights in Data–General" clause contained in this contract) in and to the technical data contained in the proposal dated _____, upon which this contract is based.

PART II

Supplemental Contract Clause Set

(DOE SET 301S)

FIXED-PRICE SERVICE CONTRACTS

CHANGES TO SET 301 (FIXED-PRICE SUPPLY)

CONTENTS

The following changes to Standard Contract Clause Set 301 allows its use for fixed price service contracts.

				PAGE
ADDITIONAL CLAUSES				
1.	FAR	52.222-3	CONVICT LABOR (APR 1984)	1
2.	FAR	52.222-4	CONTRACT WORK HOURS AND SAFETY STANDARDS ACT– OVERTIME COMPENSATION (MAR 1986)	1
3.	FAR	52.222-41	SERVICE CONTRACT ACT OF 1965, AS AMENDED (MAY 1989)	1
4.	FAR	52.222-42	STATEMENT OF EQUIVALENT RATES FOR FEDERAL HIRES (MAY 1989)	4
ALTERATIONS IN CLAUSES				
5.	FAR	52.243-1	CHANGES—FIXED-PRICE (AUG 1987) ALTERNATE I (APR 1984)	4
6.	FAR	52.246-4	INSPECTION OF SERVICES-FIXED-PRICE (FEB 1992)	4
DELETION OF CLAUSES CONTAINED IN SET 301				
	FAR	52.243-1	CHANGES [BASIC CLAUSE] (AUG 1987)	5
	FAR	52.246-2	INSPECTION OF SUPPLIES - FIXED-PRICE (JUL 1985)	5
PATENTS AND DATA				
ADDITIONAL CLAUSES				
7.	DOE PR	9-9.102-2	AUTHORIZATION AND CONSENT (JUN 1979)	5
8.	FAR	52.227-16	ADDITIONAL DATA REQUIREMENTS (JUN 1987)	5
9.	DEAR	952.227-71	PATENT RIGHTS - SMALL BUSINESS FIRMS OR NONPROFIT ORGANIZATIONS (OTHER THAN M&Os) (APR 1987)	5
10.	DEAR	927.300(a)	PATENT RIGHTS-LONG FORM (APR 1984)	7
11.	DEAR	927.300(a)	PATENT RIGHTS-SHORT FORM (APR 1984)	11
DELETION OF CLAUSES CONTAINED SET 301				
	DOE-PR	9-9.103-1	PATENT INDEMNITY (JUN 1979)	12
	DOE-PR	9-9.103-3	PATENT INDEMNITY (JUN 1979)	12

ADDITIONAL CLAUSES

1. FAR 52.222-3 CONVICT LABOR (APR 1984)

The Contractor agrees not to employ any person undergoing sentence of imprisonment in performing this contract except as provided by 18 U.S.C. 4082(c)(2), and Executive Order 11755, December 29, 1973.

2. FAR 52.222-4 CONTRACT WORK HOURS AND SAFETY STANDARDS ACT– OVERTIME COMPENSATION (MAR 1986)

NOTE: Applicable to the extent laborers or mechanics are utilized for the contract effort.

(a) Overtime requirements. No Contractor or subcontractor contracting for any part of the contract work which may require or involve the employment of laborers or mechanics (see Federal Acquisition Regulation (FAR) 22.300) shall require or permit any such laborers or mechanics in any workweek in which the individual is employed on such work to work in excess of 40 hours in such workweek unless such laborer or mechanic receives compensation at a rate not less than
1 1/2 times the basic rate of pay for all hours worked in excess of 40 hours in such workweek.

(b) Violation; liability for unpaid wages; liquidated damages. In the event of any violation of the provisions set forth in paragraph (a) of this clause, the Contractor and any subcontractor responsible therefor shall be liable for the unpaid wages. In addition, such Contractor and subcontractor shall be liable to the United States (in the case of work done under contract for the District of Columbia or a territory, to such District or to such territory), for liquidated damages. Such liquidated damages shall be computed with respect to each individual laborer or mechanic employed in violation of the provisions set forth in paragraph (a) of this clause in the sum of $10 for each calendar day on which such individual was required or permitted to work in excess of the standard workweek of 40 hours without payment of the overtime wages required by provisions set forth in paragraph (a) of this clause.

(c) Withholding for unpaid wages and liquidated damages. The Contracting Officer shall upon his or her own action or upon written request of an authorized representative of the Department of Labor withhold or cause to be withheld, from any moneys payable on account of work performed by the Contractor or subcontractor under any such contract or any other Federal contract with the same Prime Contractor, or any other Federally assisted contract subject to the Contract Work Hours and Safety Standards Act which is held by the same Prime Contractor, such sums as may be determined to be necessary to satisfy any liabilities of such Contractor or subcontractor for unpaid wages and liquidated damages as provided in the provisions set forth in paragraph (b) of this clause.

(d) Payrolls and basic records. (1) The Contractor or subcontractor shall maintain payrolls and basic payroll records during the course of contract work and shall preserve them for a period of 3 years from the completion of the contract for all laborers and mechanics working on the contract. Such records shall contain the name and address of each such employee, social security number, correct classifications, hourly rates of wages paid, daily and weekly number of hours worked, deductions made, and actual wages paid. Nothing in this paragraph shall require the duplication of records required to be maintained for construction work by Department of Labor regulations at 29 CFR 5.5(a)(3) implementing the Davis-Bacon Act.

(2) The records to be maintained under paragraph (d)(1) of this clause shall be made available by the Contractor or subcontractor for inspection, copying, or transcription by authorized representatives of the Contracting Officer or the Department of Labor. The Contractor or subcontractor shall permit such representatives to interview employees during working hours on the job.

(e) Subcontracts. The Contractor or subcontractor shall insert in any subcontracts the provisions set forth in paragraphs (a) through (e) of this clause and also a clause requiring the subcontractors to include these provisions in any lower tier subcontracts. The Prime Contractor shall be responsible for compliance by any subcontractor or lower tier subcontractor with the provisions set forth in paragraphs (a) through (e) of this clause.

3. FAR 52.222-41 SERVICE CONTRACT ACT OF 1965, AS AMENDED (MAY 1989)

NOTE: Applicable to the extent service employees are utilized for the contract effort as such employees are defined in Department of Labor regulations at Title 29, Code of Federal Regulations, Part 4.

(a) Definitions. "Act," as used in this clause, means the Service Contract Act of 1965, as amended (41 U.S.C. 351, et seq.).

"Contractor," as used in this clause or in any subcontract, shall be deemed to refer to "Government Prime Contractor."

"Service employee," as used in this clause, means any person engaged in the performance of this contract other than any person employed in a bona fide executive, administrative, or professional capacity as these terms are defined in Part 541 of Title 29, Code of Federal Regulations, as revised. It includes all such persons regardless of any contractual relationship that may be alleged to
exist between a Contractor or subcontractor and such persons.

(b) Applicability. This contract is subject to the following provisions and to all other applicable provisions of the Act and regulations of the Secretary of Labor (29 CFR Part 4). This clause does not apply to contracts or subcontracts administratively exempted by the Secretary of Labor or exempted by 41 U.S.C. 356, as interpreted in Subpart C of 29 CFR Part 4.

(c) Compensation. (1) Each service employee employed in the performance of this contract by the Contractor or any subcontractor shall be paid not less than the minimum monetary wages and shall be furnished fringe benefits in accordance with the wages and fringe benefits determined by the Secretary of Labor, or authorized representative, as specified in any wage determination attached to this contract.

(2) (i) If a wage determination is attached to this contract, the Contractor shall classify any class of service employee which is not listed therein and which is to be employed under the contract (i.e., the work to be performed is not performed by any classification listed in the wage determination) so as to provide a reasonable relationship (i.e., appropriate level of skill comparison) between such unlisted classifications and the classifications listed in the wage determination. Such conformed class of employees shall be paid the monetary wages and furnished the fringe benefits as are determined pursuant to the procedures in this paragraph (c).

(ii) This conforming procedure shall be initiated by the Contractor prior to the performance of contract work by the unlisted class of employee. The Contractor shall submit Standard Form (SF) 1444, Request for Authorization of Additional Classification and Rate, to the Contracting Officer no later than 30 days after the unlisted class of employee performs any contract work. The Contracting Officer shall review the proposed classification and rate and promptly submit the completed SF 1444 (which must include information regarding the agreement or disagreement of the employees' authorized representatives or the employees' themselves together with the agency recommendation), and all pertinent information to the Wage and Hour Division, Employment Standards Administration U.S. Department of Labor. The Wage and Hour Division will approve, modify, or disapprove the action or render a final determination in the event of disagreement within 30 days of receipt or will notify the Contracting Officer within 30 days of receipt that additional time is necessary.

(iii) The final determination of the conformance action by the Wage and Hour division shall be transmitted to the Contracting Officer who shall promptly notify the Contractor of the action taken. Each affected employee shall be furnished by the Contractor with a

written copy of such determination or it shall be posted as a part of the wage determination.

(iv)(A) The process of establishing wage and fringe benefit rates that bear a reasonable relationship to those listed in a wage determination cannot be reduced to any single formula. The approach used may vary from wage determination to wage determination depending on the circumstances. Standard wage and salary administration practices which rank various job classifications by pay grade pursuant to point schemes or other job factors may, for example, be relied upon. Guidance may also be obtained from the way different jobs are rated under Federal pay systems (Federal Wage Board Pay System and the General Schedule) or from other wage determinations issued in the same locality. Basic to the establishment of any conformable wage rate(s) is the concept that a pay relationship should be maintained between job classifications based on the skill required and the duties performed.

(B) In the case of a contract modification, an exercise of an option or extension of an existing contract, or in any other case where a contractor succeeds a contract under which the classification in question was previously conformed pursuant to paragraph (c) of this clause, a new conformed wage rate and fringe benefits may be assigned to such conformed classification by indexing (i.e., adjusting) the previous conformed rate and fringe benefits by an amount equal to the average (mean) percentage increase (or decrease, where appropriate) between the wages and fringe benefits specified for all classifications to be used on the contract which are listed in the current wage determination, and those specified for the corresponding classifications in the previously applicable wage determination. Where conforming actions are accomplished in accordance with this paragraph prior to the performance of contract work by the unlisted class of employees, the Contractor shall advise the Contracting Officer of the action taken but the other procedures in subdivision (c)(2)(ii) of this clause need not be followed.

(C) No employee engaged in performing work on this contract shall in any event be paid less than the currently applicable minimum wage specified under section 6(a)(1) of the Fair Labor Standards Act of 1938, as amended.

(v) The wage rate and fringe benefits finally determined pursuant to paragraph (c)(2) of this clause shall be paid to all employees performing in the classification from the first day on which contract work is performed by them in the classification. Failure to pay such unlisted employees the compensation agreed upon by the interested parties and/or finally determined by the Wage and Hour Division retroactive to the date such class of employees commenced contract work shall be a violation of the Act and this contract.

(vi) Upon discovery of failure to comply with subparagraph (c) of this clause, the Wage and Hour Division shall make a final determination of conformed classification, wage rate, and/or fringe benefits which shall be retroactive to the date such class of employees commenced contract work.

(3) Adjustment of Compensation. If the term of this contract is more than 1 year, the minimum monetary wages and fringe benefits required to be paid or furnished thereunder to service employees under this contract shall be subject to adjustment after 1 year and not less often than once every 2 years, under wage determinations issued by the Wage and Hour Division.

(d) Obligation to Furnish Fringe Benefits. The contractor or subcontractor may discharge the obligation to furnish fringe benefits specified in the attachment or determined under subparagraph (c)(2) of this clause by furnishing equivalent combinations of bona fide fringe benefits, or by making equivalent or differential cash payments only in accordance with Subpart D of 29 CFR Part 4.

(e) Minimum Wage. In the absence of a minimum wage attachment for this contract, neither the contractor nor any subcontractor under this contract shall pay any person performing work under the contract (regardless of whether the person is a service employee) less than the minimum wage specified by section 6(a)(1) of the Fair Labor Standards Act of 1938. Nothing in this provision shall relieve the contractor or any subcontractor of any other obligation under law or contract for the payment of a higher wage to any employee.

(f) Successor Contracts. If this contract succeeds a contract subject to the Service Contract Act of 1965 as amended, under which substantially the same services were furnished in the same locality and service employees were paid wages and fringe benefits provided for in a collective bargaining agreement, in the absence of the minimum wage attachment for this contract setting forth such collectively bargained wage rates and fringe benefits, neither the Contractor nor any subcontractor under this contract shall pay any service employee performing any of the contract work (regardless of whether or not such employee was employed under the predecessor contract), less than the wages and fringe benefits provided for in such collective bargaining agreement, to which such employee would have been entitled if employed under the predecessor contract, including accrued wages and fringe benefits and any prospective increases in wages and fringe benefits provided for under such agreement. No Contractor or subcontractor under this contract may be relieved of the foregoing obligation unless the limitations of 29 CFR Part 4.1b(b) apply or unless the Secretary of Labor or the Secretary's authorized representative finds, after a hearing as provided in 29 CFR Part 4.10 that the wages and/or fringe benefits provided for in such agreement are substantially at variance with those which prevail for services of a character similar in the locality, or determines, as provided in 29 CFR Part 4.11, that the collective bargaining agreement applicable to service employees employed under the predecessor contract was not entered into as a result of arm's-length negotiations. Where it is found in accordance with the review procedures provided in 29 CFR 4.10 and/or 4.11 and Parts 6 and 8 that some or all of the wages and/or fringe benefits contained in a predecessor contractor's collective bargaining agreement are substantially at variance with those which prevail for services of a character similar in the locality, and/or that the collective bargaining agreement applicable to service employees employed under the predecessor contract was not entered into as a result of arm's-length negotiations, the Department will issue a new or revised wage determination setting forth the applicable wage rates and fringe benefits. Such determination shall be made part of the contract or subcontract, in accordance with the decision of the Administrator, the Administrative Law Judge, or the Board of Service Contract Appeals, as the case may be, irrespective of whether such issuance occurs prior to or after the award of a contract or subcontract. 53 Comp. Gen 401(1973). In the case of a wage determination issued solely as a result of a finding of substantial variance, such determination shall be effective as of the date of the final administrative decision.

(g) Notification to Employees. The Contractor and any subcontractor under this contract shall notify each service employee commencing work on this contract of the minimum monetary wage and any fringe benefits required to be paid pursuant to this contract, or shall post the wage determination attached to this contract. The poster provided by the Department of Labor (Publication WH 1313) shall be posted in a prominent and accessible place at the worksite. Failure to comply with this requirement is a violation of Section 2(a)(4) of the Act and of this contract.

(h) Safe and Sanitary Working Conditions. The contractor or subcontractor shall not permit any part of the services called for by this contract to be performed in buildings or surroundings or under working conditions provided by or under the control or supervision of the contractor or subcontractor which are unsanitary or hazardous or dangerous to the health or safety of service employees engaged to furnish these services, and the contractor or subcontractor shall comply with the safety and health standards applied under 29 CFR Part 1925.

(i) Records. (1) The contractor and each subcontractor performing work subject to the Act shall make and maintain for 3 years from the completion of the work, and make them available for inspection and transcription by authorized representatives of the Wage and Hour Division, Employment Standards Administration, a record of the following:

(i) For each employee subject to the Act–

(A) Name and address and social security number;

(B) Correct work classification or classifications, rate or rates of monetary wages paid and fringe benefits provided, rate or rates of fringe benefits payments in lieu of fringe benefits, and total daily and weekly compensation.

(C) Daily and weekly hours worked by each employee; and

(D) Any deductions, rebates, or refunds from the total daily or weekly compensation of each employee.

(ii) For those classes of services employees not included in any wage determination attached to this contract, wage rates or fringe benefits determined by the interested parties or by the Administrator or authorized representative under the terms of paragraph (c) of this clause. A copy of the report required by subdivision (c)(2)(ii) of this clause will fulfill this requirement.

(iii) Any list of the predecessor Contractor's employees which had been furnished to the Contractor as prescribed by paragraph (n) of this clause.

(2) The contractor shall also make available a copy of this contract for inspection or transcription by authorized representatives of the Wage and Hour Division.

(3) Failure to make and maintain or to make available such records for inspection and transcription shall be a violation of the regulations and this contract, and in the case of failure to produce such records, the contracting officer, upon direction of the Department of Labor and notification of the contractor, shall take action to cause suspension of any further payment or advance of funds until such violation ceases.

(4) The contractor shall permit authorized representatives of the Wage and Hour Division to conduct interviews with employees at the worksite during normal working hours.

(j) Pay Periods. The contractor shall unconditionally pay to each employee subject to the Act all wages due free and clear and without subsequent deduction (except as otherwise provided by law or Regulations, 29 CFR Part 4), rebate, or kickback on any account. These payments shall be made no later than one pay period following the end of the regular pay period in which such wages were earned or accrued. A pay period under this Act may not be of any duration longer than semi-monthly.

(k) Withholding of Payments and Termination of Contract. The contracting officer shall withhold or cause to be withheld from the Government prime contractor under this or any other Government contract with the prime contractor such sums as an appropriate official of the Department of Labor requests or such sums as the contracting officer decides may be necessary to pay underpaid employees employed by the contractor or subcontractor. In the event of failure to pay any employees subject to the Act all or part of the wages or fringe benefits due under the Act, the agency may, after authorization or by direction of the Department of Labor and written notification to the contractor, take action to cause suspension of any further payment or advance of funds until such violations have ceased. Additionally, any failure to comply with the requirements of these clauses relating to the Service Contract Act of 1965, may be grounds for termination of the right to proceed with the contract work. In such event, the Government may enter into other contracts or arrangements for completion of the work, charging the contractor in default with any additional cost.

(l) Subcontracts. The contractor agrees to insert this clause in all subcontracts subject to the Act.

(m) Collective Bargaining Agreements Applicable to Service Employees. If wages to be paid or fringe benefits to be furnished any service employees employed by the Government Prime Contractor or any subcontractor under the contract are provided for in a collective bargaining agreement which is or will be effective during any period in which the contract is being performed, the Government Prime Contractor shall report such fact to the Contracting Officer, together with full information as to the application and accrual of such wages and fringe benefits, including any prospective increases, to service employees engaged in work on the contract, and a copy of the collective bargaining agreement. Such report shall be made upon commencing performance of the contract, in the case of collective bargaining agreements effective at such time, and in the case of such agreements or provisions or amendments thereof effective at a later time during the period of contract performance, such agreements shall be reported promptly after negotiation thereof.

(n) Seniority List. Not less than 10 days prior to completion of any contract being performed at a Federal facility where service employees may be retained in the performance of the succeeding contract and subject to a wage determination which contains vacation or other benefit provisions based upon length of service with a contractor (predecessor) or successor (29 CFR 4.173), the incumbent Prime Contractor shall furnish to the Contracting Officer a certified list of the names of all service employees on the contractor's or subcontractor's payroll during the last month of contract performance. Such list shall also contain anniversary dates of employment on the contract either with the current or predecessor contractors of each such service employee. The contracting officer shall turn over such list to the successor contractor at the commencement of the succeeding contract.

(o) Rulings and Interpretations. Rulings and interpretations of the Service Contract Act of 1965, as amended, are contained in Regulations, 29 CFR Part 4.

(p) Contractor's Certification. (1) By entering into this contract, the Contractor (and officials thereof) certifies that neither it (nor he or she) nor any person or firm who has a substantial interest in the contractor's firm is a person or firm ineligible to be awarded Government contracts by virtue of the sanctions imposed pursuant to Section 5 of the Act.

(2) No part of this contract shall be subcontracted to any person or firm ineligible for award of a Government contract pursuant to Section 5 of the Act.

(3) The penalty for making false statements is prescribed in the U. S. Criminal Code, 18 U.S.C. 1001.

(q) Variations, Tolerances, and Exemptions Involving Employment. Notwithstanding any of the clauses in paragraphs (b) through (o) of this clause relating to the Service Contract Act of 1965, the following employees may be employed in accordance with the following variations, tolerances, and exemptions, which the Secretary of Labor, pursuant to Section 4(b) of the Act prior to its amendment by Public Law 92-473, found to be necessary and proper in the public interest or to avoid serious impairment of the conduct of Government business:

(1) Apprentices, student-learners, and workers whose earning capacity is impaired by age, physical, or mental deficiency or injury may be employed at wages lower than the minimum wages otherwise required by Section 2(a)(1) or 2(b)(1) of the Service Contract Act without diminishing any fringe benefits or cash payments in lieu thereof required under Section 2(a)(2) of that Act, in accordance with the conditions and procedures prescribed for the employment of apprentices, student-learners, handicapped persons, and handicapped clients of sheltered workshops under Section 14 of the Fair Labor Standards Act of 1938, in the regulations issued by the Administrator (29 CFR Parts 520, 521, 524 and 525).

(2) The Administrator will issue certificates under the Act for the employment of apprentices, student-learners, handicapped persons, or handicapped clients of sheltered workshops not subject to the Fair Labor Standards Act of 1938, or subject to different

minimum rates of pay under the two acts, authorizing appropriate rates of minimum wages (but without changing requirements concerning fringe benefits or supplementary cash payments in lieu thereof), applying procedures prescribed by the applicable regulations issued under the Fair Labor Standards Act of 1938 (29 CFR Parts 520, 521, 524 and 525).

(3) The Administrator will also withdraw, annul, or cancel such certificates in accordance with the regulations in 29 CFR Parts 525 and 528.

(r) Apprentices. Apprentices will be permitted to work at less than the predetermined rate for the work they perform when they are employed and individually registered in a bona fide apprenticeship program registered with a State Apprenticeship Agency which is recognized by the U. S. Department of Labor, or if no such recognized agency exists in a State, under a program registered with the Bureau of Apprenticeship and Training, Employment and Training Administration, U. S. Department of Labor. Any employee who is not registered as an apprentice in an approved program shall be paid the wage rate and fringe benefits contained in the applicable wage determination for the journeyman classification of work actually performed. The wage rates paid apprentices shall not be less than the wage rate for their level of progress set forth in the registered program, expressed as the appropriate percentage of the journeyman's rate contained in the applicable wage determination. The allowable ratio of apprentices to journeymen employed on the contract work in any craft classification shall not be greater than the ratio permitted to the contractor as to his entire work force under the registered program.

(s) Tips. An employee engaged in an occupation in which he or she customarily and regularly receives more than $30 a month in tips may have the amount of tips credited by the employer against the minimum wage required by Section 2(a)(i) or Section 2(b)(1) of the Act in accordance with Section 3(m) of the Fair Labor Standards Act and Regulations, 29 CFR Part 531: Provided, however, that the amount of such credit may not exceed $1.34 per hour beginning January 1, 1981. To use this provision:

(1) The employer must inform tipped employees about this tip credit allowance before the credit is utilized;

(2) The employees must be allowed to retain all tips (individually or through a pooling arrangement and regardless of whether the employer elects to take a credit for tips received);

(3) The employer must be able to show by records that the employee receives at least the applicable Service Contract Act minimum wage through the combination of direct wages and tip credit; and

(4) The use of such tip credit must have been permitted under any predecessor collective bargaining agreement applicable by virtue of Section 4(c) of the Act.

(t) Disputes Concerning Labor Standards. The U.S. Department of Labor has set forth in 29 CRF Parts 4, 6, and 8 procedures for resolving disputes concerning labor standards requirements. Such disputes shall be resolved in accordance with those procedures and not the Disputes clause of this contact. Disputes within the meaning of this clause include disputes between the Contractor (or any of its subcontractors) and the contracting agency, the U.S. Department of Labor, or the employees or their representatives.

4. FAR 52.222-42 STATEMENT OF EQUIVALENT RATES FOR FEDERAL HIRES (MAY 1989)

NOTE: Applicable to the extent the Service Contract Act is applicable.

In compliance with the Service Contract Act of 1965, as amended, and the regulations of the Secretary of Labor (29 CFR Part 4), this clause identifies the classes of service employees expected to be employed under the contract and states the wages and fringe benefits payable to each if they were employed by the contracting agency subject to the provisions of 5 U.S.C. 5341 or 5332.

This Statement is for Information Only: It is Not a Wage Determination.

Employee class	Monetary wage-Fringe benefits

ALTERATIONS IN CLAUSES

5. FAR 52.243-1 CHANGES--FIXED-PRICE (AUG 1987) ALTERNATE I (APR 1984)

(a) The Contracting Officer may at any time, by written order, and without notice to the sureties, if any, make changes within the general scope of this contract in any one or more of the following:

(1) Description of services to be performed.

(2) Time of performance (i.e., hours of the day, days, of the week, etc.).

(3) Place of performance or the services.

(b) If any such change causes an increase or decrease in the cost of, or the time required for, performance of any part of the work under this contract, whether or not changed by the order, the Contracting Officer shall make an equitable adjustment in the contract price, the delivery schedule, or both, and shall modify the contract.

(c) The Contractor must assert its right to an adjustment under this clause within 30 days from the date of receipt of the written order. However, if the Contracting Officer decides that the facts justify it, the Contracting Officer may receive and act upon a proposal submitted before final payment of the contract.

(d) If the Contractor's proposal includes the cost of property made obsolete or excess by the change, the Contracting Officer shall have the right to prescribe the manner of the disposition of the property.

(e) Failure to agree to any adjustment shall be a dispute under the Disputes clause. However, nothing in this clause shall excuse the Contractor from proceeding with the contract as changed.

6. FAR 52.246-4 INSPECTION OF SERVICES-FIXED-PRICE (FEB 1992)

(a) Definitions.

"Services," as used in this clause, includes services performed, workmanship, and material furnished or utilized in the performance of services.

(b) The Contractor shall provide and maintain an inspection system acceptable to the Government covering the services under this contract. Complete records of all inspection work performed by the Contractor shall be maintained and made available to the Government during contract performance and for as long afterwards as the contract requires.

(c) The Government has the right to inspect and test all services called for by the contract, to the extent practicable at all times and places during the term of the contract. The Government shall perform inspections and tests in a manner that will not unduly delay the work.

(d) If the Government performs inspections or tests on the premises of the Contractor or a subcontractor, the Contractor shall furnish, and shall require subcontractors to furnish, without additional charge, all reasonable facilities and assistance for the safe and convenient performance of these duties.

(e) If any of the services do not conform with contract requirements, the Government may require the Contractor to perform the services again in conformity with contract requirements, at no increase in contract amount. When the defects in services cannot be corrected by reperformance, the Government may (1)

require the Contractor to take necessary action to ensure that future performance conforms to contract requirements and (2) reduce the contract price to reflect the reduced value of the services performed.

(f) If the Contractor fails to promptly perform the services again or to take the necessary action to ensure future performance in conformity with contract requirements, the Government may (1) by contract or otherwise, perform the services and charge to the Contractor any cost incurred by the Government that is directly related to the performance of such service or (2) terminate the contract for default.

DELETION OF CLAUSES CONTAINED IN SET 301

FAR 52.243-1 CHANGES [BASIC CLAUSE] (AUG 1987)

FAR 52.246-2 INSPECTION OF SUPPLIES - FIXED-PRICE (JUL 1985)

PATENTS AND DATA

ADDITIONAL CLAUSES

7. DOE PR 9-9.102-2 AUTHORIZATION AND CONSENT (JUN 1979)

NOTE: This clause applies to this contract only if chosen elsewhere in this contract.

The Government hereby gives its authorization and consent for all use and manufacture of any invention described in and covered by a patent of the United States in the performance of this contract or any part hereof or any amendment hereto or any subcontract hereunder (including all lower-tier subcontracts).

8. FAR 52.227-16 ADDITIONAL DATA REQUIREMENTS (JUN 1987)

NOTE: This clause does not apply to this contract if the contract is for the conduct of basic or applied research, as set out elsewhere in this contract, to be performed solely by a college or university, and the estimated cost is not in excess of $500,000.

(a) In addition to the data (as defined in the clause at 52.227-14, Rights in Data—General clause or other equivalent included in this contract) specified elsewhere in this contract to be delivered, the Contracting Officer may, at any time during contract performance or within a period of 3 years after acceptance of all items to be delivered under this contract, order any data first produced or specifically used in the performance of this contract.

(b) The Rights in Data—General clause or other equivalent included in this contract is applicable to all data ordered under this Additional Data Requirements clause. Nothing contained in this clause shall require the Contractor to deliver any data the withholding of which is authorized by the Rights in Data—General or other equivalent clause of this contract, or data which are specifically identified in this contract as not subject to this clause.

(c) When data are to be delivered under this clause, the Contractor will be compensated for converting the data into the prescribed form, for reproduction, and for delivery.

(d) The Contracting Officer may release the Contractor from the requirements of this clause for specifically identified data items at any time during the 3-year period set forth in (a) above.

9. DEAR 952.227-71 PATENT RIGHTS - SMALL BUSINESS FIRMS OR NONPROFIT ORGANIZATIONS (OTHER THAN M&Os) (APR 1987)

NOTE: This clause applies to this contract only if the contractor is a domestic small business or domestic nonprofit organization at the time of contracting.

(a) Definitions.

(1) "Invention" means any invention or discovery which is or may be patentable or otherwise protectable under Title 35 of the United States Code (U.S.C.) or any novel variety of plant which is or may be protected under the Plant Variety Protection Act (7 U.S.C. 2321 et seq.).

(2) "Subject Invention" means any invention of the contractor conceived or first actually reduced to practice in the performance of work under this contract, provided that in the case of a variety of plant the date of determination (as defined in section 44(d) of the Plant Variety Protection Act, 7 U.S.C. 2401(d)) must also occur during the period of contract performance.

(3) "Practical Application" means to manufacture in the case of a composition or product, to practice in the case of a process or method, or to operate in the case of a machine or system; and, in each case, under such conditions as to establish that the invention is utilized and that its benefits are, to the extent permitted by law or Government regulations, available to the public on reasonable terms.

(4) "Made" when used in relation to any invention means the conception or first actual reduction to practice of such invention.

(5) "Small Business Firm" means a small business concern as defined at Section 2 of Pub. L. 85-536 (15 U.S.C. 632) and implementing regulations of the Administrator of the Small Business Administration. For the purpose of this clause, the size standard for small business concerns involved in Government procurement and subcontracting, at 13 CFR 121.3-8 and 13 CFR 121.3-12, respectively, will be used.

(6) "Nonprofit Organization" means a university or other institution of higher education or an organization of the type described in section 501(c)(3) of the Internal Revenue Code of 1954 (26 U.S.C. 501(c) and exempt from taxation under section 501(a) of the Internal Revenue Code (26 U.S.C. 501(a)) or any nonprofit scientific or educational organization qualified under a state nonprofit organization statute.

(7) "Patent Counsel" means the Department of Energy (DOE) Patent Counsel assisting the DOE contracting activity.

(b) Allocation of principal rights.

(1) The contractor may retain the entire right, title and interest throughout the world to each subject invention subject to the provisions of this clause and 35 U.S.C. 203. With respect to any subject invention in which the contractor retains title, the Federal Government shall have a nonexclusive, nontransferable, irrevocable, paid-up license to practice or have practiced for or on behalf of the United States the subject invention throughout the world.

(2) (Reserved.)

(c) Invention disclosure, election of title and filing of patent application by contractor.

(1) The contractor will disclose each subject invention to the Patent Counsel within two months after the inventor discloses it in writing to contractor personnel responsible for patent matters. The disclosure to the Patent Counsel shall be in the form of a written report and shall identify the contract under which the invention was made and the inventor(s). It shall be sufficiently complete in technical detail to convey a clear understanding, to the extent known at the time of the disclosure of the nature, purpose, operation, and the physical, chemical, biological or electrical characteristics of the invention. The disclosure shall also identify any publication, on sale or public use of the invention and whether a manuscript describing the invention has been submitted for publication and, if so, whether it has been accepted for publication at the time of disclosure. In addition, after disclosure to the Patent Counsel, the Contractor will promptly notify the Patent Counsel of the acceptance of any manuscript describing the invention for publication or of any on sale or public use planned by the contractor.

(2) The contractor will elect in writing whether or not to retain title to any such invention by notifying the Patent Counsel within two years of disclosure to the Patent Counsel. However, in any case where publication, on sale or public use has initiated the one year statutory period wherein valid patent protection can still be obtained in the United States, the period for election of title may be

shortened by Patent Counsel to a date that is no more than sixty days prior to the end of the statutory period.

(3) The contractor will file its initial patent application on a subject invention to which it elects to retain title within one year after election of title or, if earlier, prior to the end of any statutory period wherein valid patent protection can be obtained in the United States after a publication, on sale, or public use. The contractor will file patent applications in additional countries or international patent offices within either ten months of the corresponding initial patent application or six months from the date permission is granted by the Commissioner of Patents and Trademarks to file foreign patent applications where such filing has been prohibited by a Secrecy Order.

(iv) Requests for extension of the time for disclosure to the Patent Counsel, election, and filing, under subparagraphs (1), (2), and (3) may, at the discretion of the Patent Counsel be granted. (d) Conditions when the Government may obtain title. The contractor will convey to the DOE, upon written request, title to any subject invention:

(1) If the contractor fails to disclose or elect title to the subject invention within the times specified in (c) above, or elects not to retain title; provided that the DOE may only request title within 60 days after learning of the failure of the contractor to disclose or elect within the specified times;

(2) In those countries in which the contractor fails to file patent applications within the times specified in (c) above; provided, however, that if the contractor has filed a patent application in a country after the time specified in (c) above prior to its receipt of the written request of the Patent Counsel, the contractor shall continue to retain title in that country; or

(3) In any country in which the contractor decides not to continue the prosecution of any application for, to pay the maintenance fees on, or defend in a reexamination or opposition proceeding on, a patent on a subject invention.

(e) Minimum rights to contractor and protection of the contractor right to file.

(1) The contractor will retain a nonexclusive, royalty-free license throughout the world in each subject invention to which the Government obtains title except if the contractor fails to disclose the subject invention within the times specified in (c) above. The contractor's license extends to its domestic subsidiaries and affiliates, if any, within the corporate structure of which the contractor is a part and includes the right to grant sublicenses of the same scope to the extent the contractor was legally obligated to do so at the time the contract was awarded. The license is transferable only with the approval of DOE except when transferred to the successor of the part of the contractor's business to which the invention pertains.

(2) The contractor's domestic license may be revoked or modified by DOE to the extent necessary to achieve expeditious practical application of the subject invention pursuant to an application for an exclusive license submitted in accordance with applicable provisions at 37 CFR 404 and 10 CFR 781. This license will not be revoked in that field of use or the geographical areas in which the contractor has achieved practical application and continues to make the benefits of the invention reasonably accessible to the public. The license in any foreign country may be revoked or modified at the discretion of DOE to the extent the contractor, its licensees, or its domestic subsidiaries or affiliates have failed to achieve practical application in that foreign country.

(3) Before revocation or modification of the license, DOE will furnish the contractor a written notice of its intention to revoke or modify the license, and the contractor will be allowed thirty days (or such other time as may be authorized by DOE for good cause shown by the contractor) after the notice to show cause why the license should not be revoked or modified. The contractor has the right to appeal, in accordance with 37 CFR 404 and 10 CFR Part 781, any decision concerning the revocation or modification of its license.

(f) Contractor action to protect the Government's interest.

(1) The contractor agrees to execute or to have executed and promptly deliver to the Patent Counsel all instruments necessary to

(i) Establish or confirm the rights the Government has throughout the world in those subject inventions to which the contractor elects to retain title, and

(ii) Convey title to DOE when requested under (d) above and to enable the Government to obtain patent protection throughout the world in that subject invention.

(2) The contractor agrees to require, by written agreement, its employees, other than clerical and nontechnical employees, to disclose promptly in writing to personnel identified as responsible for the administration of patent matters and in a format suggested by the contractor each subject invention made under this contract in order that the contractor can comply with the disclosure provisions of (c) above and to execute all papers necessary to file patent applications on subject inventions and to establish the Government's rights in the subject inventions. The disclosure format should require, as a minimum, the information required by (c)(1) above. The contractor shall instruct such employees through the employee agreements or other suitable educational programs on the importance of reporting inventions in sufficient time to permit the filing of patent applications prior to United States or foreign statutory bars.

(3) The contractor will notify the Patent Counsel of any decision not to continue prosecution of a patent application, pay maintenance fees, or defend in a reexamination or opposition proceeding on a patent, in any country, not less than thirty days before the expiration of the response period required by the relevant patent office.

(4) The contractor agrees to include, within the specification of any United States patent applications and any patent issuing thereon covering a subject invention, the following statement "This invention was made with Government support under (identify the contract) awarded by the Department of Energy. The Government has certain rights in this invention."

(5) The contractor agrees to:

(i) Upon request, provide a report prior to the close-out of the contract listing all subject inventions or stating that there were none;

(ii) Provide, upon request, a copy of the patent application, filing date, serial number and title, patent number and issue date for any subject invention in any country in which the contractor has applied for a patent; and

(iii) Provide upon request, but not more than annually, listings of all subject inventions which were disclosed to DOE during the applicable reporting period.

(g) Subcontracts.

(1) The contractor will include this clause, suitably modified to identify the parties, in all subcontracts, regardless of tier, for experimental, developmental or research work to be performed by a small business firm or a domestic nonprofit organization. The subcontractor will retain all rights provided for the contractor in this clause, and the contractor will not, as part of the consideration for awarding the subcontract, obtain rights in the subcontractor's subject inventions.

(2) The contractor will include in all other subcontracts, regardless of tier, for experimental, developmental, demonstration or research work the patent rights clause of 41 CFR 9-9.107-5(a) or 9-9.107-6 as appropriate, modified to identify the parties.

(3) In the case of subcontracts at any tier, when the prime award with DOE was a contract (but not a grant or cooperative agreement) DOE, the subcontractor, and the contractor agree that the mutual obligations of the parties created by this clause constitute a contract between the subcontractor and DOE with respect to those

matters covered by this clause, provided however that nothing in this paragraph is intended to confer any jurisdiction under the Contract Disputes Act in connection with proceedings under paragraph (j) of this clause.

(h) Reporting on utilization of subject inventions.

The contractor agrees to submit on request periodic reports no more frequently than annually on the utilization of a subject invention or on efforts at obtaining such utilization that are being made by the contractor or its licensees or assignees. Such reports shall include information regarding the status of development, date of first commercial sale or use, gross royalties received by the contractor, and such other data and information as DOE may reasonably specify. The contractor also agrees to provide additional reports as may be requested by DOE in connection with any march-in proceeding undertaken by DOE in accordance with paragraph (j) of this clause. As required by 35 U.S.C. 202(c)(5), DOE agrees it will not disclose such information to persons outside the Government without permission of the contractor.

(i) Preference for United States industry.

Notwithstanding any other provision of this clause, the contractor agrees that neither it nor any assignee will grant to any person the exclusive right to use or sell any subject inventions in the United States unless such person agrees that any products embodying the subject invention or produced through the use of the subject invention will be manufactured substantially in the United States. However, in individual cases, the requirement for such an agreement may be waived by DOE upon a showing by the contractor or its assignee that reasonable but unsuccessful efforts have been made to grant licenses on similar terms to potential licensees that would be likely to manufacture substantially in the United States or that under the circumstances domestic manufacture is not commercially feasible.

(j) March-in-rights.

The contractor agrees that with respect to any subject invention in which it has acquired title, DOE has the right in accordance with the procedures in 37 CFR 401.6 and any supplemental regulations of DOE to require the contractor, an assignee or exclusive licensee of a subject invention to grant a nonexclusive, partially exclusive, or exclusive license in any field of use to a responsible applicant or applicants, upon terms that are reasonable under the circumstances, and if the contractor, assignee, or exclusive licensee refuses such a request, DOE has the right to grant such a license itself if DOE determines that:

(1) Such action is necessary because the contractor or assignee has not taken, or is not expected to take within a reasonable time, effective steps to achieve practical application of the subject invention in such field of use;

(2) Such action is necessary to alleviate health or safety needs which are not reasonably satisfied by the contractor, assignee, or their licensees;

(3) Such action is necessary to meet requirements for public use specified by Federal regulations and such requirements are not reasonably satisfied by the contractor, assignee, or licensees; or

(4) Such action is necessary because the agreement required by paragraph (i) of this clause has not been obtained or waived or because a licensee of the exclusive right to use or sell any subject invention in the United States is in breach of such agreement.

(k) Special provisions for contracts with nonprofit organizations.

If the contractor is a nonprofit organization it agrees that:

(1) Rights to a subject invention in the United States may not be assigned without the approval of DOE, except where such assignment is made to an organization which has as one of its primary functions the management of inventions, provided that such assignee will be subject to the same provisions as the contractor;

(2) The contractor will share royalties collected on a subject invention with the inventor, including Federal employee co-inventors (when DOE deems it appropriate) when the subject invention is assigned in accordance with 35 U.S.C. 202(e) and 37 CFR 401.10;

(3) The balance of any royalties or income earned by the contractor with respect to subject inventions, after payment of expenses (including payments to inventors) incidental to the administration of subject inventions, will be utilized for the support of scientific research or education; and

(4) It will make efforts that are reasonable under the circumstances to attract licensees of subject inventions that are small business firms and that it will give a preference to a small business firm when licensing a subject invention if the contractor determines that the small business firm has a plan or proposal for marketing the invention which, if executed, is equally as likely to bring the invention to practical application as any plans or proposals from applicants that are not small business firms; provided that the contractor is also satisfied that the small business firm has the capability and resources to carry out its plan or proposal. The decision whether to give a preference in any specific case will be at the discretion of the contractor. However, the contractor agrees that the Secretary of Commerce may review the contractor's licensing program and decisions regarding small business applicants, and the contractor will negotiate changes to its licensing policies, procedures, or practices with the Secretary of Commerce when the Secretary of Commerce's review discloses that the contractor could take reasonable steps to implement more effectively the requirements of this paragraph (k)(4).

(l) Communications. The DOE central point of contact for communications or matters relating to this clause is the Patent Counsel.

10. DEAR 927.300(a) PATENT RIGHTS-LONG FORM (APR 1984)

NOTE: This clause applies to this contract unless the contractor is a domestic small business or domestic nonprofit organization at the time of award or unless the clause at DOE PR 9-9.107-6 is chosen elsewhere in this contract.

(a) Definitions.

(1) "Subject invention" means any invention or discovery of the contractor conceived or first actually reduced to practice in the course of or under this contract, and includes any art, method, process, machine manufacture, design or composition of matter, or any new and useful improvement thereof or any variety of plants, whether patented or unpatented under the Patent Laws of the United States of America or any foreign country.

(2) "Contract" means any contract, grant, agreement, understanding, or other arrangement, which includes research, development, or demonstration work, and includes any assignment or substitution of parties.

(3) "States and domestic municipal governments" means the States of the United States, the District of Columbia, Puerto Rico, the Virgin Islands, American Samoa, Guam, the Trust Territory of the Pacific Islands, and any political subdivision and agencies thereof.

(4) "Government agency" includes an executive department, independent commission, board, office, agency, administration, authority, government corporation, or other Government establishment of the Executive Branch of the Government of the United States of America.

(5) "To the point of practical application" means to manufacture, in the case of a composition or product, to practice in the case of a process, or to operate in the case of a machine and under such conditions as to establish that the invention is being worked and that its benefits are reasonably accessible to the public.

(6) "Patent Counsel" means the Department of Energy Patent Counsel assisting the procuring activity.

(b) Allocation of principal rights.

(1) Assignment to the Government. (1) The contractor agrees to assign to the Government the entire right, title, and interest throughout the world in and to each subject invention, except to the extent that rights are retained by the contractor under paragraphs (b)(2) and (c) of this clause.

(2) Greater rights determinations. The contractor or the employee-inventor with authorization of the contractor may request greater rights than the nonexclusive license and the foreign patent rights provided in paragraph (c) of this clause on identified inventions in accordance with 41 CFR 9-9.109-6(d). Such requests must be submitted to Patent Counsel (with notification by Patent Counsel to the Contracting Officer) at the time of the first disclosure pursuant to paragraph (e)(2) of this clause, or not later than 9 months after conception or first actual reduction to practice, whichever occurs first, or e. paid-up license in each patent application filed in

(c) Minimum rights to the contractor.

(1) Contractor license. The contractor reserves a revocable, nonexclusive, paid-up license in each patent application filed in any country on a subject invention and any resulting patent in which the Government acquires title. The license shall extend to the contractor's domestic subsidiaries and affiliates, if any, within the corporate structure of which the contractor is a part and shall include the right to grant sublicenses of the same scope to the extent the contractor was legally obligated to do so at the time the contract was awarded. The license shall be transferable only with approval of DOE except when transferred to the successor of that part of the contractor's business to which the invention pertains.

(2) Revocation limitations. The contractor's nonexclusive license retained pursuant to paragraph (c)(1) of this clause and sublicenses granted thereunder may be revoked or modified by DOE, either in whole or in part, only to the extent necessary to achieve expeditious practical application of the subject invention under DOE's published licensing regulations (10 CFR 781), and only to the extent an exclusive license is actually granted. This license shall not be revoked in that field of use and/or the geographical areas in which the contractor, or its sublicensee, has brought the invention to the point of practical application and continues to make the benefits of the invention reasonably accessible to the public, or is expected to do so within a reasonable time.

(3) Revocation procedures. Before modification or revocation of the license or sublicense, pursuant to paragraph (c)(2) of this clause, DOE shall furnish the contractor a written notice of its intention to modify or revoke the license and any sublicense thereunder, and the contractor shall be allowed 30 days, or such longer periods as may be authorized by the Patent Counsel (with notification by Patent Counsel to the Contracting Officer) for good cause shown in writing by the contractor, after such notice to show cause why the license or any sublicense should not be modified or revoked. The contractor shall have the right to appeal, in accordance with 10 CFR 781, any decision concerning the modification or revocation of his license or any sublicense.

(4) Foreign patent rights. Upon written request to Patent Counsel (with notification by Patent Counsel to the Contracting Officer), and subject to DOE security regulations and requirements, there shall be reserved to the contractor, or the employee inventor with authorization of the contractor, the patent rights to a subject invention in any foreign country where the Government has elected not to secure such rights provided:

(i) The recipient of such rights, when specifically requested by DOE and three years after issuance of a foreign patent disclosing said subject invention, shall furnish DOE a report setting forth:

(A) The commercial use that is being made, or is intended to be made, of said invention, and

(B) The steps taken to bring the invention to the point of practical application or to make the invention available for licensing.

(ii) The Government shall retain at least an irrevocable, nonexclusive, paid-up license to make, use, and sell the invention throughout the world by or on behalf of the Government (including any Government agency) and States and domestic municipal governments, unless the Head of the Agency or designee determines that it would not be in the public interest to acquire the license for the States and domestic municipal governments.

(iii) Subject to the rights granted in (c)(1), (2) and (3) of this clause, the Head of the Agency or designee shall have the right to terminate the foreign patent rights granted in this paragraph (c)(4) in whole or in part unless the recipient of such rights demonstrates to the satisfaction of the Head of the Agency or designee that effective steps necessary to accomplish substantial utilization of the invention have been taken or within a reasonable time will be taken.

(iv) Subject to the rights granted in (c)(1), (2) and (3) of this clause, the Head of the Agency or designee shall have the right, commencing four years after foreign patent rights are accorded under this paragraph (c)(4), to require the granting of a nonexclusive or partially exclusive license to a responsible applicant or applicants, upon terms reasonable under the circumstances, and in appropriate circumstances to terminate said foreign patent rights in whole or in part, following a hearing upon notice thereof to the public, upon a petition by an interested person justifying such hearing:

(A) If the Head of the Agency or designee determines, upon review of such material as he deems relevant, and after the recipient of such rights or other interested person has had the opportunity to provide such relevant and material information as the Head of the Agency or designee may require, that such foreign patent rights have tended substantially to lessen competition or to result in undue market concentration in any section of the United States in any line of commerce to which the technology relates; or

(B) Unless the recipient of such rights demonstrates to the satisfaction of the Head of the Agency or designee at such hearing that the recipient has taken effective steps, or within a reasonable time thereafter is expected to take such steps, necessary to accomplish substantial utilization of the invention.

(d) Filing of patent applications.

(1) With respect to each subject invention in which the contractor or the inventor requests foreign patent rights in accordance with paragraph (c)(4) of this clause, a request may also be made for the right to file and prosecute the U.S. application on behalf of the Patent Counsel for good cause shown in writing by the requestor. With respect to the invention, the requestor shall promptly notify the Patent Counsel (with notification by Patent Counsel to the Contracting Officer) of any decision not to file an application.

(2) For each subject invention on which a domestic patent application is filed by the contractor or inventor, the contractor or inventor shall:

(i) Within 2 months after the filing of a patent application or within 2 months after submission of the invention disclosure, if the patent application has been filed previously, deliver to the Patent Counsel a copy of the application as filed including the filing date and serial number;

(ii) Within 6 months after filing the application or within 6 months after submitting the invention disclosure if the application has been filed previously, deliver to the Patent Counsel a duly executed and approved assignment to the Government, on a form specified by the Government;

(iii) Provide the Patent Counsel with the original patent grant promptly after a patent is issued on the application; and

(iv) Not less than 30 days before the expiration of the response period for any action required by the Patent and Trademark Office, notify the Patent Counsel of any decision not to continue prosecution of the application.

(3) With respect to each subject invention in which the contractor or inventor has requested foreign patent rights, the contractor or inventor shall file a patent application on the invention in each foreign country in which such request is granted, in accordance with applicable statutes and regulations, and within one of the following periods:

(i) Eight months from the date of filing a corresponding United States application, or if such an application if not filed, six months from the date the request was granted.

(ii) Six months from the date a license is granted by the Commissioner of Patents and Trademarks to file the foreign patent application, where such filing has been prohibited by security reasons; or

(iii) Such longer periods as may be approved by the Patent Counsel for good cause shown in writing by the contractor or inventor.

(4) Subject to the license specified in paragraphs (c)(1), (2) and (3) of this clause, the contractor or inventor agrees to convey to the Government, upon request, the entire right, title, and interest in any foreign country in which the contractor or inventor fails to have a patent application filed in accordance with paragraph (d)(3) of this clause, or decides not to continue prosecution or to pay any maintenance fees covering the invention. To avoid forfeiture of the patent application or patent, the contractor or inventor shall, not less than 60 days before the expiration period for any action required by any patent office, notify the Patent Counsel of such failure or decision, and deliver to the Patent Counsel, the executed instruments necessary for the conveyance specified in this paragraph.

(e) Invention identification, disclosures, and reports.

(1) The contractor shall establish and maintain active and effective procedures to ensure that subject inventions are promptly identified and timely disclosed. These procedures shall include the maintenance of laboratory notebooks or equivalent records and other records that are reasonably necessary to document the conception and/or the first actual reduction to practice of subject inventions, and in paragraph (b)(2) of this clause. When an invention is reported under this paragraph (e)(2)(i), it shall be presumed to have been conceived or first actually reduced to practice in the course of or under the con he may evaluate and determine their effectiveness.

(2) The contractor shall furnish the Patent Counsel (with notification by Patent Counsel to the Contracting Officer) on a DOE-approved form:

(i) A written report containing full and complete technical information concerning each subject invention within 6 months after conception or first actual reduction to practice, whichever occurs first in the course of or under this contract, but in any event, prior to any sale, public use, or public disclosure of such invention known to the contractor. The report shall identify the contract and inventor and shall be sufficiently complete in technical detail and appropriately illustrated by sketch or diagram to convey to one skilled in the art to which the invention pertains, a clear understanding of the nature, purpose, operation, and to the extent known, the physical, chemical, biological, or electrical characteristics of the invention. The report should also include any request for foreign patent rights under paragraph (c)(4) of this clause and any request to file a domestic patent application under (d)(1) of this clause. However, such request shall be made within the period set forth in paragraph (b)(2) of this clause. When an invention is reported under this paragraph (e)(2)(i), it shall be presumed to have been conceived or first actually reduced to practice in the course of or under the contract, unless the contractor contends it was not so made, in accordance with paragraph (g)(2)(ii) or this clause.

(ii) Upon request, but not more than annually, interim reports on a DOE-approved form listing subject inventions and subcontracts award(s) containing a Patent Rights clause for that period and certifying that:

(A) The contractor's procedures for identifying and disclosing subject inventions as required by this paragraph (e) have been followed throughout the reporting period;

(B) All subject inventions have been disclosed or that there are no such inventions; and

(C) All subcontracts containing a Patent Rights clause have been reported or that no such subcontracts have been awarded;

(iii) A final report on a DOE-approved form within three months after completion of the contract work listing all subject inventions and all subcontracts awarded containing a Patent Rights clause and certifying that:

(A) All subject inventions have been disclosed or that there were no such inventions; and

(B) All subcontracts containing a Patent Rights clause have been reported or that no such subcontracts have been awarded.

(3) The contractor shall obtain patent agreements to effectuate the provisions of this clause from all persons in its employ who perform any part of the work under this contract except nontechnical personnel, such as clerical employees and manual laborers.

(4) The contractor agrees that the Government may duplicate and disclose subject invention disclosures and all other reports and papers furnished or required to be furnished pursuant to this clause. If the contractor is to file a foreign patent application on a subject invention, the Government agrees, upon written request, to use its best efforts to withhold publication of such invention disclosures until the expiration of the time period specified in paragraph (d)(1) of this clause, but in no event shall the Government or its employees be liable for any publication thereof.

(f) Publication.

It is recognized that during the course of the work under this contract, the contractor or its employees may from time to time desire to release or publish information regarding scientific or technical developments conceived or first actually reduced to practice in the course of or under this contract. In order that public disclosure of such information will not adversely affect the patent interests of DOE or the contractor, patent approval for release or publication shall be secured from Patent Counsel prior to any such release or publication.

(g) Forfeiture of rights in unreported subject inventions.

(1) The contractor shall forfeit to the Government, at the request of the Head of the Agency or designee, all rights in any subject invention which the contractor fails to report to Patent Counsel (with notification by Patent Counsel to the Contracting Officer) within 6 months after the time the contractor:

(i) Files or causes to be filed a United States or foreign patent application thereon; or

(ii) Submits the final report required by paragraph (e)(2)(iii) of this clause, whichever is later.

(2) However, the contractor shall not forfeit rights in a subject invention if, within the time specified, in (1)(i) or (1)(ii) of this paragraph (g), the contractor:

(i) prepares a written decision based upon a review of the record that the invention was neither conceived nor first actually reduced to practice in the course of or under the contract and delivers the same to Patent Counsel (with notification by Patent Counsel to the Contracting Officer); or

(ii) contending that the invention is not a subject invention, the contractor nevertheless discloses the invention and all facts pertinent to this contention to the Patent Counsel (with notification by Patent Counsel to the Contracting Officer); or

(iii) establishes that the failure to disclose did not result from the contractor's fault or negligence.

(3) Pending written assignment of the patent application and patents on a subject invention determined by the Head of the Agency or designee to be forfeited (such determination to be a final decision under the Disputes clause of this contract), the contractor shall be deemed to hold the invention and the patent applications and patents pertaining thereto in trust for the Government. The forfeiture provision of this paragraph (g) shall be in addition to and shall not supersede other rights and remedies which the Government may have with respect to subject inventions.

(h) Examination of records relating to inventions.

(1) The Contracting Officer or his authorized representative, until the expiration of 3 years after final payment under this contract, shall have the right to examine any books (including laboratory notebooks), records, documents, and other supporting data of the contractor which the Contracting Officer or his authorized representative reasonably deem pertinent to the discovery or identification of subject inventions or to determine compliance with the requirements of this clause.

(2) The Contracting Officer or authorized representative shall have the right to examine all books (including laboratory notebooks), records and documents of the contractor relating to the conception or first actual reduction to practice of inventions in the same field of technology as the work under this contract to determine whether any such inventions are subject inventions, if the contractor refuses or fails to:

(i) establish the procedures of paragraph (e)(1) of this clause; or

(ii) maintain and follow such procedures; or

(iii) correct or eliminate any material deficiency in the procedures within thirty days after the Contracting Officer notifies the contractor of such a deficiency.

(i) Withholding of payment (not applicable to subcontracts).

(1) Any time before final payment of the amount of this contract, the Contracting Officer may, if he deems such action warranted, withhold payment until a reserve not exceeding $50,000 or 5 percent of the amount of this contract, whichever is less, shall have been set aside if in his opinion the contractor fails to:

(i) establish, maintain and follow effective procedures for identifying and disclosing subject inventions pursuant to paragraph (e)(1) of this clause; or

(ii) disclose any subject invention pursuant to paragraph (e)(2)(i) of this clause, or

(iii) deliver the interim reports pursuant to paragraph (e)(2)(ii) of this clause; or

(iv) provide the information regarding subcontracts pursuant to paragraph (j)(5) of this clause; or

(v) convey to the Government, using a DOE-approved form, the title and/or rights of the Government in each subject invention as required by this clause.

(2) The reserve or balance shall be withheld until the Contracting Officer has determined that the contractor has rectified whatever deficiencies exist and has delivered all reports, disclosures, and other information required by this clause.

(3) Final payment under this contract shall not be made by the Contracting Officer before the contractor delivers to Patent Counsel all disclosures of subject inventions and other information required by (e)(2)(i) of this clause, the final report required by (e)(2)(iii) of this clause, and Patent Counsel has issued a patent clearance certification to the Contracting Officer.

(4) The Contracting Officer may, in his discretion, decrease or increase the sums withheld up to the maximum authorized above. If the contractor is a non-profit organization, the maximum amount that may be withheld under this paragraph shall not exceed $50,000 or 1 percent of the amount of this contract, whichever is less. No amount shall be withheld under this paragraph while the amount specified by this paragraph is being withheld under other provisions of the contract. The withholding of any amount or subsequent payment thereof shall not be construed as a waiver of any rights accruing to the Government under this contract.

(j) Subcontracts.

(1) For the purpose of this paragraph the term "contractor" means the party awarding a subcontract and the term "subcontractor" means the party being awarded a subcontract, regardless of tier.

(2) The contractor will include the clause at 952.227-71 "Patent Rights—Small Business Firms or Nonprofit Organizations" of the Department of Energy Acquisition Regulation 48 CFR Part 952 suitably modified to identify the parties, in all subcontracts regardless of tier, for experimental, developmental, demonstration or research work to be performed by a small business firm or domestic nonprofit organization. In all other subcontracts, regardless of tier, for experimental, developmental, demonstration, or research work, the contractor will include the Patent Rights clause of 41 CFR 9-9.107-5(a) or 41 9-9.107-6 as appropriate, modified to identify the parties. In the event of a refusal by a subcontractor to accept this clause, or if in the opinion of the contractor this clause is inconsistent with DOE's patent policies, the contractor:

(i) shall promptly submit written notice to the Contracting Officer setting forth reasons for the subcontractor refusal and other pertinent information which may expedite disposition of the matter; and

(ii) shall not proceed with the subcontract without written authorization of the Contracting Officer.

(3) Except as may be otherwise provided in this clause, the contractor shall not, in any subcontract by using a subcontract as consideration therefor, acquire any rights in its subcontractor's subject invention for the contractor's own use (as distinguished from such rights as may be required solely to fulfill the contractor's contract obligations to the Government in the performance of this contract).

(4) All invention disclosures, reports, instruments, and other information required to be furnished by the subcontractor to DOE, under the provisions of a Patent Rights clause in any subcontract hereunder may, in the discretion of the Contracting Officer, be furnished to the contractor for transmission to DOE.

(5) The contractor shall promptly notify the Contracting Officer in writing upon the award of any subcontract containing a Patent Rights clause by identifying the subcontractor, the work to be performed under the subcontract, and the dates of award and estimated completion. Upon the request of the Contracting Officer, the contractor shall furnish a copy of the subcontract.

(6) The contractor shall identify all subject inventions of the subcontractor of which it acquires knowledge in the performance of this contract and shall notify the Patent Counsel (with notification by Patent Counsel to the Contracting Officer) promptly upon the identification of the inventions.

(7) It is understood that the Government is a third party beneficiary of any subcontract clause granting rights to the Government in subject inventions, and the contractor hereby assigns to the Government all rights that the contractor would have to enforce the subcontractor's obligations for the benefit of the Government with respect to subject inventions. The contractor shall not be obligated to enforce the agreements of any subcontractor hereunder relating to the obligations of the subcontractor to the Government regarding subject inventions.

(k) Background Patents.

(1) "Background Patent" means a domestic patent covering an invention or discovery which is not a subject invention and which is owned or controlled by the contractor at any time through the completion of this contract:

(i) Which the contractor, but not the Government, has the right to license to others without obligation to pay royalties thereon, and

(ii) Infringement of which cannot reasonably be avoided upon the practice of any specific process, method, machine, manufacture or composition of matter (including relatively minor modifications thereof) which is a subject of the research, development, or demonstration work performed under this contract.

(2) The contractor agrees to and does hereby grant to the Government a royalty-free, nonexclusive, license under any background patent for purposes of practicing a subject of this contract by or for the Government in research, development, and demonstration work only.

(3) The contractor also agrees that upon written application by DOE, it will grant to responsible parties for purposes of practicing a subject of this contract, nonexclusive licenses under any

background patent on terms that are reasonable under the circumstances. If, however, the contractor believes that exclusive or partially exclusive rights are necessary to achieve expeditious commercial development or utilization, then a request may be made to DOE for DOE approval of such licensing by the contractor.

(4) Notwithstanding the foregoing paragraph (k)(3), the contractor shall not be obligated to license any background patent if the contractor demonstrates to the satisfaction of the Head of the Agency or designee that:

(i) a competitive alternative to the subject matter covered by said background patent is commercially available or readily introducible from one or more other sources, or

(ii) the contractor or its licensees are supplying the subject matter covered by said background patent in sufficient quantity and at reasonable prices to satisfy market needs, or have taken effective steps or within a reasonable time are expected to take effective steps to so supply the subject matter.

(l) Atomic energy.

(1) No claim for pecuniary award or compensation under the provisions of the Atomic Energy Act of 1954, as amended, shall be asserted by the contractor or its employees with respect to any invention or discovery made or conceived in the course of or under this contract.

(2) Except as otherwise authorized in writing by the Contracting Officer, the contractor will obtain patent agreements to effectuate the provisions of paragraph (l)(1) of this clause from all persons who perform any part of the work under this contract, except nontechnical personnel, such as clerical employees and manual laborers.

(m) Limitation of rights.

Nothing contained in this patent rights clause shall be deemed to give the Government any rights with respect to any invention other than a subject invention except as set forth in the Patent Rights clause of this contract with respect to background patents and, if included, the facilities licenses.

11. DEAR 927.300(a) PATENT RIGHTS-SHORT FORM (APR 1984)

NOTE: This clause applies to this contract only if chosen elsewhere in this contract.

(a) Definitions.

(1) "Subject invention" means any invention or discovery of the contractor conceived or first actually reduced to practice in the course of performance of or under this contract, and includes any art, method, process, machine, manufacture, design, or composition of matter, or any new and useful improvement thereof, or any variety of plants, whether patented or unpatented, under the patent laws of the United States of America or any foreign country.

(2) "Patent Counsel" means the DOE Patent Counsel assisting the procuring activity.

(b) Invention disclosures and reports.

(1) The contractor shall furnish the Patent Counsel (with notification by Patent Counsel to the Contracting Officer):

(i) A written report containing full and complete technical information concerning each subject invention within 6 months after conception or first actual reduction to practice but in any event prior to any on sale, public use, or public disclosure of such invention known to the contractor. The report shall identify the contract and inventor and shall be sufficiently complete in technical detail and appropriately illustrated by sketch or diagram to convey to one skilled in the art to which the invention pertains a clear understanding of the nature, purpose, operation, and to the extent known, the physical, chemical, biological, or electrical characteristics of the invention;

(ii) Upon request, but not more than annually, interim reports on a DOE-approved form listing subject inventions for that period and certifying that all subject inventions have been disclosed or that there were no such inventions; and

(iii) A final report on a DOE-approved form within 3 months after completion of the contract work listing all subject inventions and certifying that all subject inventions have been disclosed or that there were no such inventions.

(2) The contractor agrees that the Government may duplicate and disclose subject invention disclosures and all other reports and papers furnished or required to be furnished pursuant to the contract.

(c) Allocation of principal rights.

(1) Assignment to the Government. The contractor agrees to assign to the Government the entire right, title, and interest throughout the world in and to each subject invention, except to the extent that rights are retained by the contractor under paragraphs (c)(2) and (d) of this clause.

(2) Greater rights determination. The contractor, or the employee-inventor with authorization of the contractor, may request greater rights than the nonexclusive license and the foreign patent rights provided in paragraph (d) of this clause on identified inventions in accordance with the procedure and criteria of 41 CFR 9-9.109-6(d). A request for a determination of whether the contractor or the employee-inventor is entitled to retain such greater rights must be submitted to the Patent Counsel (with notification by Patent Counsel to the Contracting Officer) at the time of the first disclosure of the invention pursuant to paragraph (b)(1) of this clause or not later than 9 months after conception or first actual reduction to practice, whichever occurs first, or such longer period as may be authorized by the Patent Counsel (with notification by Patent Counsel to the Contracting Officer) for good cause shown in writing by the contractor. The information to be submitted for a greater rights determination is specified in 41 CFR 9-9.109-6(e).

(d) Minimum rights to the contractor.

The contractor reserves a revocable, nonexclusive, paid-up license in each patent application filed in any country on a subject invention and any resulting patent in which the Government acquires title. Revocation shall be in accordance with the procedure of paragraphs (c)(2) and (3) of the clause in 41 CFR 9-9.107-5(a). The contractor also has the right to request foreign rights in accordance with the procedures of paragraph (c)(4) of the clause in 41 CFR 9-9.107-5(a).

(e) Employee and subcontractor agreements.

Unless otherwise authorized in writing by the Contracting Officer, the contractor shall:

(1) Obtain patent agreements to effectuate the provisions of the Patent Rights clause from all persons who perform any part of the work under this contract except nontechnical personnel, such as clerical employees and manual laborers.

(2) The contractor will include the clause at 952.227-71 "Patent Rights - Small Business Firms or Nonprofit Organizations" of the Department of Energy Acquisition Regulation 48 CFR Part 952 suitably modified to identify the parties, in all subcontracts regardless of tier, for experimental, developmental, demonstration or research work to be performed by a domestic small business firm or domestic non-profit organization. In all other subcontracts, regardless of tier, for experimental, developmental, demonstration, or research work, the contractor will include the Patent Rights clause of 41 CFR 9-9.107-5(a) or 41 9-9.107-6 as appropriate, modified to identify the parties; and

(3) Promptly notify the Contracting Officer in writing upon the award of any subcontract containing a Patent Rights clause by identifying the subcontractor, the work to be performed under the subcontract, and the dates of award and estimated completion. Upon the request of the Contracting Officer, the contractor shall furnish a copy of the subcontract to such requester.

(f) Atomic energy.

(1) No claim for pecuniary award or compensation under the provisions of the Atomic Energy Act of 1954, as amended, shall be asserted by the contractor or its employees with respect to any

inventions or discovery made or conceived in the course of or under this contract.

(2) Except as otherwise authorized in writing by the Contracting Officer, the contractor will obtain patent agreements to effectuate the provisions of paragraph (f)(1) of the clause from all persons who perform any part of the work under this contract, except nontechnical personnel, such as clerical employees and manual laborers.

(g) Publication.

In order that information concerning scientific or technical developments conceived or first actually reduced to practice in the course of or under the contract is not prematurely published so as to adversely affect patent interest of DOE, the Contractor agrees to submit to the Patent Counsel for patent review a copy of each paper 60 days period prior to its intended publication date. The Contractor may publish such information after expiration of a 60-day period following such submission or prior thereto if specifically approved by the Patent Counsel, unless the Contractor is informed (in writing within the 60-day period) that in order to protect patentable subject matter, publication must further be delayed. In this event, publication shall be delayed up to 100 days beyond the 60-day period or such longer period as mutually agreed to.

DELETION OF CLAUSES CONTAINED SET 301

DOE-PR 9-9.103-1 PATENT INDEMNITY (JUN 1979)

DOE-PR 9-9.103-3 PATENT INDEMNITY (JUN 1979)

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ATTACHMENT H

PART II

CONTRACT CLAUSES

(DOE SET 307)

FIXED-PRICE CONSTRUCTION CONTRACTS

CONTENTS

				PAGE
1.	DEAR	952.202-1	DEFINITIONS ALTERNATE I (SEP 1991)	1
2.	FAR	52.203-1	OFFICIALS NOT TO BENEFIT (APR 1984)	1
3.	FAR	52.203-3	GRATUITIES (APR 1984)	1
4.	FAR	52.203-5	COVENANT AGAINST CONTINGENT FEES (APR 1984)	1
5.	FAR	52.203-6	RESTRICTIONS ON SUBCONTRACTOR SALES TO THE GOVERNMENT (JUL 1985)	1
6.	FAR	52.203-7	ANTI-KICKBACK PROCEDURES (OCT 1988)	1
7.	FAR	52.203-9	REQUIREMENT FOR CERTIFICATE OF PROCUREMENT INTEGRITY–MODIFICATION (NOV 1990)	2
8.	FAR	52.203-10	PRICE OR FEE ADJUSTMENT FOR ILLEGAL OR IMPROPER ACTIVITY (SEP 1990)	2
9.	FAR	52.203-12	LIMITATION ON PAYMENTS TO INFLUENCE CERTAIN FEDERAL TRANSACTIONS (JAN 1990)	3
10.	DEAR	952.208-70	PRINTING (APR 1984)	4
11.	FAR	52.209-6	PROTECTING THE GOVERNMENT'S INTEREST WHEN SUBCONTRACTING WITH CONTRACTORS DEBARRED, SUSPENDED, OR PROPOSED FOR DEBARMENT (NOV 1992)	5
12.	FAR	52.212-3	COMMENCEMENT, PROSECUTION, AND COMPLETION OF WORK (APR 1984)	5
13.	FAR	52.212-12	SUSPENSION OF WORK (APR 1984)	5
14.	FAR	52.214-26	AUDIT-SEALED BIDDING (APR 1985)	5
15.	FAR	52.214-27	PRICE REDUCTION FOR DEFECTIVE COST OR PRICING DATA–MODIFICATIONS–SEALED BIDDING (DEC 1991)	5
16.	FAR	52.214-28	SUBCONTRACTOR COST OR PRICING DATA-MODIFICATIONS-SEALED BIDDING (DEC 1991)	6
17.	FAR	52.214-29	ORDER OF PRECEDENCE–SEALED BIDDING (JAN 1986)	6
18.	FAR	52.215-1	EXAMINATION OF RECORDS BY COMPTROLLER GENERAL (FEB 1993)	6
19.	FAR	52.215-2	AUDIT–NEGOTIATION (FEB 1993)	7
20.	FAR	52.215-22	PRICE REDUCTION FOR DEFECTIVE COST OR PRICING DATA (JAN 1991)	7
21.	FAR	52.215-23	PRICE REDUCTION FOR DEFECTIVE COST OR PRICING DATA–MODIFICATIONS (DEC 1991)	8
22.	FAR	52.215-24	SUBCONTRACTOR COST OR PRICING DATA (DEC 1991)	8
23.	FAR	52.215-25	SUBCONTRACTOR COST OR PRICING DATA-MODIFICATIONS (DEC 1991)	9
24.	FAR	52.215-27	TERMINATION OF DEFINED BENEFIT PENSION PLANS (SEP 1989)	9
25.	FAR	52.215-33	ORDER OF PRECEDENCE (JAN 1986)	9
26.	FAR	52.219-8	UTILIZATION OF SMALL BUSINESS CONCERNS AND SMALL DISADVANTAGED BUSINESS CONCERNS (FEB 1990)	9
27.	FAR	52.219-9 And Alternate I	SMALL BUSINESS AND SMALL DISADVANTAGED BUSINESS SUBCONTRACTING PLAN (JAN 1991), AND ALTERNATE I (FEB 1990)	10
28.	FAR	52.219-13	UTILIZATION OF WOMEN-OWNED SMALL BUSINESSES (AUG 1986)	11
29.	FAR	52.219-16	LIQUIDATED DAMAGES-SMALL BUSINESS SUBCONTRACTING PLAN (AUG 1989)	11
30.	FAR	52.220-3	UTILIZATION OF LABOR SURPLUS AREA CONCERNS (APR 1984)	11
31.	FAR	52.220-4	LABOR SURPLUS AREA SUBCONTRACTING PROGRAM (APR 1984)	12

32.	FAR	52.222-1	NOTICE TO THE GOVERNMENT OF LABOR DISPUTES (APR 1984)	12
33.	FAR	52.222-3	CONVICT LABOR (APR 1984)	12
34.	FAR	52.222-4	CONTRACT WORK HOURS AND SAFETY STANDARDS ACT–OVERTIME COMPENSATION (MAR 1986)	12
35. CONSTRUCTION LABOR-RELATED CLAUSES				
35.1	FAR	52.222-6	DAVIS-BACON ACT (NOV 1992)	13
35.2	FAR	52.222-7	WITHHOLDING OF FUNDS (FEB 1988)	13
35.3	FAR	52.222-8	PAYROLLS AND BASIC RECORDS (FEB 1988)	13
35.4	FAR	52.222-9	APPRENTICES AND TRAINEES (FEB 1988)	14
35.5	FAR	52.222-10	COMPLIANCE WITH COPELAND ACT REQUIREMENTS (FEB 1988)	15
35.6	FAR	52.222-11	SUBCONTRACTS (LABOR STANDARDS) (FEB 1988)	15
35.7	FAR	52.222-12	CONTRACT TERMINATION–DEBARMENT (FEB 1988)	15
35.8	FAR	52.222-13	COMPLIANCE WITH DAVIS-BACON AND RELATED ACT REGULATIONS (FEB 1988)	15
35.9	FAR	52.222-14	DISPUTES CONCERNING LABOR STANDARDS (FEB 1988)	15
35.10	FAR	52.222-15	CERTIFICATION OF ELIGIBILITY (FEB 1988)	15
36.	FAR	52.222-26	EQUAL OPPORTUNITY (APR 1984)	15
37.	FAR	52.222-27	AFFIRMATIVE ACTION COMPLIANCE REQUIREMENTS FOR CONSTRUCTION (APR 1984)	16
38.	FAR	52.222-35	AFFIRMATIVE ACTION FOR SPECIAL DISABLED AND VIETNAM ERA VETERANS (APR 1984)	18
39.	FAR	52.222-36	AFFIRMATIVE ACTION FOR HANDICAPPED WORKERS (APR 1984)	19
40.	FAR	52.222-37	EMPLOYMENT REPORTS ON SPECIAL DISABLED VETERANS AND VETERANS OF THE VIETNAM ERA (JAN 1988)	19
41.	FAR	52.223-2	CLEAN AIR AND WATER (APR 1984)	19
42.	FAR	52.223-6	DRUG-FREE WORKPLACE (JUL 1990)	20
43.	FAR	52.225-5	BUY AMERICAN ACT – CONSTRUCTION MATERIALS (MAY 1992)	20
44.	FAR	52.225-11	RESTRICTIONS ON CERTAIN FOREIGN PURCHASES (MAY 1992)	21
45.	FAR	52.225-15	BUY AMERICAN ACT– CONSTRUCTION MATERIALS UNDER EUROPEAN COMMUNITY AGREEMENT CERTIFICATE (MAY 1993) [APPLICABLE TO CONSTRUCTION CONTRACTS OF $6,500,000 OR GREATER]	21
46.	FAR	52.225-18	EUROPEAN COMMUNITY SANCTIONS FOR END PRODUCTS (MAY 1993) [APPLICABLE TO POWER MARKETING ADMINISTRATION AWARDS LESS THAN $450,000 AND OTHER AWARDS LESS THAN $176,000]	21
47.	FAR	52.228-2	ADDITIONAL BOND SECURITY (APR 1984)	21
48.	FAR	52.228-5	INSURANCE-WORK ON A GOVERNMENT INSTALLATION (SEP 1989)	21
49.	FAR	52.229-3	FEDERAL, STATE, AND LOCAL TAXES (JAN 1991)	22
50.	FAR	52.229-5	TAXES-CONTRACTS PERFORMED IN U.S. POSSESSIONS OR PUERTO RICO (APR 1984)	22
51.	FAR	52.232-5	PAYMENTS UNDER FIXED-PRICE CONSTRUCTION CONTRACTS (APR 1989)	22
52.	FAR	52.232-8	DISCOUNTS FOR PROMPT PAYMENT (APR 1989)	23
53.	FAR	52.232-17	INTEREST (JAN 1991)	23
54.	FAR	52.232-23	ASSIGNMENT OF CLAIMS (JAN 1986)	23
55.	FAR	52.232-27	PROMPT PAYMENT FOR CONSTRUCTION CONTRACTS (APR 1989)	23
56.	FAR	52.232-28	ELECTRONIC FUNDS TRANSFER PAYMENT METHODS (APR 1989)	26
57.	FAR	52.233-1	DISPUTES ALTERNATE I (DEC 1991)	26
58.	FAR	52.233-3	PROTEST AFTER AWARD (AUG 1989)	27
59.	FAR	52.236-1	PERFORMANCE OF WORK BY THE CONTRACTOR (APR 1984)	27
60.	FAR	52.236-2	DIFFERING SITE CONDITIONS (APR 1984)	27
61.	FAR	52.236-3	SITE INVESTIGATION AND CONDITIONS AFFECTING THE WORK (APR 1984)	27
62.	FAR	52.236-5	MATERIAL AND WORKMANSHIP (APR 1984)	28
63.	FAR	52.236-6	SUPERINTENDENCE BY THE CONTRACTOR (APR 1984)	28
64.	FAR	52.236-7	PERMITS AND RESPONSIBILITIES (APR 1984)	28
65.	FAR	52.236-8	OTHER CONTRACTS (APR 1984)	28
66.	FAR	52.236-9	PROTECTION OF EXISTING VEGETATION, STRUCTURES, EQUIPMENT, UTILITIES, AND IMPROVEMENTS (APR 1984)	28
67.	FAR	52.236-10	OPERATIONS AND STORAGE AREAS (APR 1984)	28
68.	FAR	52.236-11	USE AND POSSESSION PRIOR TO COMPLETION (APR 1984)	29
69.	FAR	52.236-12	CLEANING UP (APR 1984)	29

70.	FAR	52.236-13	ACCIDENT PREVENTION (APR 1984)	29
71.	FAR	52.236-15	SCHEDULES FOR CONSTRUCTION CONTRACTS (APR 1984)	29
72.	FAR	52.236-17	LAYOUT OF WORK (APR 1984)	29
73.	FAR	52.236-21	SPECIFICATIONS AND DRAWINGS FOR CONSTRUCTION (APR 1984)	29
74.	FAR	52.243-4	CHANGES (AUG 1987)	30
75.	FAR	52.244-1	SUBCONTRACTS (FIXED-PRICE CONTRACTS) (APR 1991)	30
76.	DEAR	952.245-2	GOVERNMENT PROPERTY (FIXED-PRICE CONTRACTS) (DEC 1989)	31
77.	FAR	52.246-12	INSPECTION OF CONSTRUCTION (JUL 1986)	32
78.	FAR	52.246-21	WARRANTY OF CONSTRUCTION (APR 1984)	33
79.	FAR	52.247-63	PREFERENCE FOR U.S.-FLAG AIR CARRIERS (APR 1984)	33
80.	FAR	52.247-64	PREFERENCE FOR PRIVATELY OWNED U.S.-FLAG COMMERCIAL VESSELS (APR 1984)	33
81.	DEAR	952.247-70	FOREIGN TRAVEL (APR 1984)	34
82.	FAR	52.248-3	VALUE ENGINEERING–CONSTRUCTION (MAR 1989)	34
83.	FAR	52.249-2	TERMINATION FOR CONVENIENCE OF THE GOVERNMENT–(FIXED-PRICE) ALTERNATE I (APR 1984)	35
84.	FAR	52.249-10	DEFAULT-FIXED-PRICE CONSTRUCTION (APR 1984)	37
85.	DOE PR	9-9.102-1	AUTHORIZATION AND CONSENT (JUN 1979)	37
86.	DOE PR	9-9.103-1	PATENT INDEMNITY (JUN 1979)	37
87.	DOE PR	9-9.103-3	PATENT INDEMNITY (JUN 1979)	37
88.	DOE PR	9-9.104	NOTICE AND ASSISTANCE REGARDING PATENT AND COPYRIGHT INFRINGEMENT (JUN 1979)	38
89.	DOE PR	9-9.110(c)	REPORTING OF ROYALTIES (JUN 1979)	38
90.	FAR	52.227-14	RIGHTS IN DATA–GENERAL-ALTERNATES I AND V (JUN 1987)	38
91.	FAR	52.227-16	ADDITIONAL DATA REQUIREMENTS (JUN 1987)	40
92.	FAR	52.227-23	RIGHTS TO PROPOSAL DATA (TECHNICAL) (JUN 1987)	40

1. DEAR 952.202-1 DEFINITIONS ALTEP' TE I (SEP 1991)

(a) "Head of Agency" means the Secret. Deputy Secretary or Under Secretary of the Department of Energy and the Chairman, Federal Energy Regulatory Commission.

(b) "Contracting Officer" means a person with the authority to enter into, administer, and/or terminate contracts and make related determinations and findings. The term includes certain authorized representatives of the Contracting Officer acting within the limits of their authority as delegated by the Contracting Officer.

(c) The term "DOE" means the Department of Energy and "FERC" means the Federal Energy Regulatory Commission.

2. FAR 52.203-1 OFFICIALS NOT TO BENEFIT (APR 1984)

No member of or delegate to Congress, or resident commissioner, shall be admitted to any share or part of this contract, or to any benefit arising from it. However, this clause does not apply to this contract to the extent that this contract is made with a corporation for the corporation's general benefit.

3. FAR 52.203-3 GRATUITIES (APR 1984)

(a) The right of the Contractor to proceed may be terminated by written notice if, after notice and hearing, the agency head or a designee determines that the Contractor, its agent, or another representative–

(1) Offered or gave a gratuity (e.g., an entertainment or gift) to an officer, official, or employee of the Government; and

(2) Intended, by the gratuity, to obtain a contract or favorable treatment under a contract.

(b) The facts supporting this determination may be reviewed by any court having lawful jurisdiction.

(c) If this contract is terminated under paragraph (a) above, the Government is entitled–

(1) To pursue the same remedies as in a breach of the contract; and

(2) In addition to any other damages provided by law, to exemplary damages of not less than 3 nor more than 10 times the cost incurred by the Contractor in giving gratuities to the person concerned, as determined by the agency head or a designee.

(This subparagraph (c)(2) is applicable only if this contract uses money appropriated to the Department of Defense.)

(d) The rights and remedies of the Government provided in this clause shall not be exclusive and are in addition to any other rights and remedies provided by law or under this contract.

4. FAR 52.203-5 COVENANT AGAINST CONTINGENT FEES (APR 1984)

(a) The Contractor warrants that no person or agency has been employed or retained to solicit or obtain this contract upon an agreement or understanding for a contingent fee, except a bona fide employee or agency. For breach or violation of this warranty, the Government shall have the right to annul this contract without liability or, in its discretion, to deduct from the contract price or consideration, or otherwise recover, the full amount of the contingent fee.

(b) "Bona fide agency," as used in this clause, means an established commercial or selling agency, maintained by a contractor for the purpose of securing business, that neither exerts nor proposes to exert improper influence to solicit or obtain Government contracts nor holds itself out as being able to obtain any Government contract or contracts through improper influence.

"Bona fide employee," as used in this clause, means a person, employed by a contractor and subject to the contractor's supervision and control as to time, place, and manner of performance, who neither exerts nor proposes to exert improper influence to solicit or obtain Government contracts nor holds out as being able to obtain any Government contract or contracts through improper influence.

"Contingent fee," as used in this clause, means any commission, percentage, brokerage, or other fee that is contingent upon the success that a pr n or concern has in securing a Government contract.

"Improper influence," as used in this clause, means any influence that induces or tends to induce a Government employee or officer to give consideration or to act regarding a Government contract on any basis other than the merits of the matter.

5. FAR 52.203-6 RESTRICTIONS ON SUBCONTRACTOR SALES TO THE GOVERNMENT (JUL 1985)

(a) Except as provided in (b) below, the Contractor shall not enter into any agreement with an actual or prospective subcontractor, nor otherwise act in any manner, which has or may have the effect of restricting sales by such subcontractors directly to the Government of any item or process (including computer software) made or furnished by the subcontractor under this contract or under any follow-on production contract.

(b) The prohibition in (a) above does not preclude the Contractor from asserting rights that are otherwise authorized by law or regulation.

(c) The Contractor agrees to incorporate the substance of this clause, including this paragraph (c), in all subcontracts under this contract.

6. FAR 52.203-7 ANTI-KICKBACK PROCEDURES (OCT 1988)

(a) Definitions.

"Kickback," as used in this clause, means any money, fee, commission, credit, gift, gratuity, thing of value, or compensation of any kind which is provided, directly or indirectly, to any prime Contractor, prime Contractor employee, subcontractor, or subcontractor employee for the purpose of improperly obtaining or rewarding favorable treatment in connection with a prime contract or in connection with a subcontract relating to a prime contract.

"Person," as used in this clause, means a corporation, partnership, business association of any kind, trust, joint-stock company, or individual.

"Prime contract," as used in this clause, means a contract or contractual action entered into by the United States for the purpose of obtaining supplies, materials, equipment, or services of any kind.

"Prime Contractor" as used in this clause, means a person who has entered into a prime contract with the United States.

"Prime Contractor employee," as used in this clause, means any officer, partner, employee, or agent of a prime Contractor.

"Subcontract," as used in this clause, means a contract or contractual action entered into by a prime Contractor or subcontractor for the purpose of obtaining supplies, materials, equipment, or services of any kind under a prime contract.

"Subcontractor," as used in this clause, (1) means any person, other than the prime Contractor, who offers to furnish or furnishes any supplies, materials, equipment, or services of any kind under a prime contract or a subcontract entered into in connection with such prime contract, and (2) includes any person who offers to furnish or furnishes general supplies to the prime Contractor or a higher tier subcontractor.

"Subcontractor employee, as used in this clause, means any officer, partner, employee, or agent of a subcontractor.

(b) The Anti-Kickback Act of 1986 (41 U.S.C. 51-58) (the Act), prohibits any person from–

(1) Providing or attempting to provide or offering to provide any kickback;

(2) Soliciting, accepting, or attempting to accept any kickback; or

(3) Including, directly or indirectly, the amount of any kickback in the contract price charged by a prime Contractor to the United States or in the contract price charged by a subcontractor to a prime Contractor or higher tier subcontractor.

(c) (1) The Contractor shall have in place and follow reasonable procedures designed to prevent and detect possible violations described in paragraph (b) of this clause in its own operations and direct business relationships.

(2) When the Contractor has reas ·ble grounds to believe that a violation described in paragraph (, this clause may have occurred, the Contractor shall promptly report in writing the possible violation. Such reports shall be made to the inspector general of the contracting agency, the head of the contracting agency if the agency does not have an inspector general, or the Department of Justice.

(3) The Contractor shall cooperate fully with any Federal agency investigating a possible violation described in paragraph (b) of this clause.

(4) The Contracting Officer may (i) offset the amount of the kickback against any monies owed by the United States under the prime contract and/or (ii) direct that the Prime Contractor withhold from sums owed a subcontractor under the prime contract, monies withheld, the amount of the kickback. The Contracting Officer may order that monies withheld under subdivision (c)(4)(ii) of this clause be paid over to the Government unless the Government has already offset those monies under subdivision (c)(4)(i) of this clause. In either case, the Prime Contractor shall notify the Contracting Officer when the monies are withheld.

(5) The Contractor agrees to incorporate the substance of this clause, including this subparagraph (c)(5) but excepting subparagraph (c)(1), in all subcontracts under this contract.

7. FAR 52.203-9 REQUIREMENT FOR CERTIFICATE OF PROCUREMENT INTEGRITY–MODIFICATION (NOV 1990)

(a) Definitions. The definitions set forth in FAR 3.104-4 are hereby incorporated in this clause.

(b) The Contractor agrees that it will execute the certification set forth in paragraph (c) of this clause when requested by the Contracting Officer in connection with the execution of any modification of this contract.

(c) Certification. As required in paragraph (b) of this clause, the officer or employee responsible for the modification proposal shall execute the following certification:

CERTIFICATE OF PROCUREMENT INTEGRITY*
MODIFICATION (NOV 1990)

(1) I, [Name of certifier] am the officer or employee responsible for the preparation of this modification proposal and hereby certify that, to the best of my knowledge and belief, with the exception of any information described in this certification, I have no information concerning a violation or possible violation of subsection 27(a), (b), (d), or (f) of the Office of Federal Procurement Policy Act, as amended* (41 U.S.C. 423), (hereinafter referred to as "the Act"), as implemented in the FAR, occurring during the conduct of this procurement (contract and modification number).

(2) As required by subsection 27(e)(1)(B) of the Act, I further certify that to the best of my knowledge and belief, each officer, employee, agent, representative, and consultant of [Name of Offeror] who has participated personally and substantially in the preparation or submission of this proposal has certified that he or she is familiar with, and will comply with, the requirements of subsection 27(a) of the Act, as implemented in the FAR, and will report immediately to me any information concerning a violation or possible violation of subsections 27(a), (b), (d), or (f) of the Act, as implemented in the FAR, pertaining to this procurement.

(3) Violations or possible violations: (Continue on plain bond paper if necessary and label Certificate of Procurement Integrity –Modification (Continuation Sheet), ENTER NONE IF NONE EXISTS) _____

_____

_____

[Signature of the officer or employee responsible for the modification proposal and date]

[Typed name of the officer or employee responsible for the modification proposal]

* Subsections 27(a), (b), and (d) are effective on December 1, 1990. Subsection 27(f) is effective on June 1, 1991.

THIS CERTIFICATION ·ONCERNS A MATTER WITHIN THE JURISDICTION OF A ENCY OF THE UNITED STATES AND THE MAKING OF A FALSE, FICTITIOUS, OR FRAUDULENT CERTIFICATION MAY RENDER THE MAKER SUBJECT TO PROSECUTION UNDER TITLE 18, UNITED STATES CODE, SECTION 1001.

(End of certification)

(d) In making the certification in paragraph (2) of the certificate, the officer or employee of the competing Contractor responsible for the offer or bid, may rely upon a one-time certification from each individual required to submit a certification to the competing Contractor, supplemented by periodic training. These certifications shall be obtained at the earliest possible date after an individual required to certify begins employment or association with the contractor. If a contractor decides to rely on a certification executed prior to the suspension of section 27 (i.e., prior to December 1, 1989), the contractor shall ensure that an individual who has so certified is notified that section 27 has been reinstated. These certifications shall be maintained by the Contractor for a period of 6 years from the date a certifying employee's employment with the company ends or, for an agency, representative, or consultant 6 years from the date such individual ceases to act on behalf of the contractor.

(e) The certification required by paragraph (c) of this clause is a material representation of fact upon which reliance will be placed in executing this modification.

8. FAR 52.203-10 PRICE OR FEE ADJUSTMENT FOR ILLEGAL OR IMPROPER ACTIVITY (SEP 1990)

(a) The Government, at its election, may reduce the price of a fixed-price type contract or contract modification and the total cost and fee under a cost-type contract or contract modification by the amount of profit or fee determined as set forth in paragraph (b) of this clause if the head of the contracting activity or his or her designee determines that there was a violation of subsection 27(a) of the Office of Federal Procurement Policy Act, as amended (41 U.S.C. 423), as implemented in the FAR. In the case of a contract modification, the fee subject to reduction is the fee specified in the particular contract modification at the time of execution, except as provided in subparagraph (b)(5) of this clause.

(b) The price or fee reduction referred to in paragraph (a) of this clause shall be –

(1) For cost-plus-fixed-fee contracts, the amount of the fee specified in the contract at the time of award; (2) For cost-plus-incentive-fee contracts, the target fee specified in the contract at the time of award, notwithstanding any minimum fee or "fee floor" specified in the contract.

(3) For cost-plus-award-fee contracts –

(i) The base fee established in the contract at the time of contract award;

(ii) If no base fee is specified in the contract, 30 percent of the amount of each award fee otherwise payable to the Contractor for each award fee evaluation period or at each award fee determination point.

(4) For fixed-price-incentive contracts, the Government may–

(i) Reduce the contract target price and contract target profit both by an amount equal to the initial target profit specified in the contract at the time of contract award; or

(ii) If an immediate adjustment to the contract target price and contract target profit would have a significant adverse impact on the incentive price revision relationship under the contract, or adversely affect the contract financing provisions, the Contracting Officer may defer such adjustment until establishment of the total final price of the contract. The total final price established in accordance with the incentive price revision provisions of the contract shall be reduced by an amount equal to

the initial target profit specified in the contr[illegible]t the time of contract award and such reduced price sha[illegible] the total final contract price.

(5) For firm-fixed-price contracts or contract modifications, by 10 percent of the initial contract price; 10 percent of the contract modification price; or a profit amount determined by the Contracting Officer from records or documents in existence prior to the date of the contract award or modification.

(c) The Government may, at its election, reduce a prime contractor's price or fee in accordance with the procedures of paragraph (b) of this clause for violations of the Act by its subcontractors by an amount not to exceed the amount of profit or fee reflected in the subcontract at the time the subcontract was first definitively priced. (d) In addition to the remedies in paragraphs (a) and (c) of this clause, the Government may terminate this contract for default. The rights and remedies of the Government specified herein are not exclusive, and are in addition to any other rights and remedies provided by law or under this contract.

9. FAR 52.203-12 LIMITATION ON PAYMENTS TO INFLUENCE CERTAIN FEDERAL TRANSACTIONS (JAN 1990)

NOTE: This clause is applicable if the price exceeds $100,000.

(a) Definitions.

'Agency,' as used in this clause, means executive agency as defined in 2.101.

'Covered Federal action,' as used in this clause, means any of the following Federal actions:

(a) The awarding of any Federal contract.

(b) The making of any Federal grant.

(c) The making of any Federal Loan.

(d) The entering into of any cooperative agreement.

(e) The extension, continuation, renewal, amendment, or modification of any Federal contract, grant, loan, or cooperative agreement.

'Indian tribe' and 'tribal organization' as used in this clause, have the meaning provided in section 4 of the Indian Self Determination and Education Assistance Act (25 U.S.C. 450B) and include Alaskan Natives.

'Influencing or attempting to influence,' as used in this clause, means making, with the intent to influence, any communication to or appearance before an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with any covered Federal action.

'Local government,' as used in this clause, means a unit of government in a State and, if chartered, established, or otherwise recognized by a State for the performance of a governmental duty, including a local public authority, a special district, an intrastate district, a council of governments, a sponsor group representative organization, and any other instrumentality of a local government.

'Officer or employee of an agency,' as used in this clause, includes the following individuals who are employed by an agency:

(a) An individual who is appointed to a position in the Government under title 5, United States Code, including a position under a temporary appointment.

(b) A member of the uniformed services, as defined in subsection 101(3), title 37, United States Code.

(c) A special Government employee, as defined in section 202, title 18, United States Code.

(d) An individual who is a member of a Federal advisory committee, as defined by the Federal Advisory Committee Act, title 5, United States Code, appendix 2.

'Person,' as used in this clause, means an individual, corporation, company, association, authority, firm, partnership, society, State, and local government, regardless of whether such entity is operated for profit, or not for profit. This term excludes an Indian tribe, tribal organization, or any other Indian organization with respect to expenditures specifically permitted by other Federal law.

'Reasonable compens[illegible]n,' as used in this clause, means with respect to a regularly em[illegible]d officer or employee of any person, compensation that is consistent with the normal compensation for such officer or employee for work that is not furnished to, not funded by, or not furnished in cooperation with the Federal Government.

'Reasonable payment,' as used in this clause, means, with respect to professional and other technical services, a payment in an amount that is consistent with the amount normally paid for such services in the private sector.

'Recipient,' as used in this clause, includes the Contractor and all subcontractors. This term excludes an Indian tribe, tribal organization, or any other Indian organization with respect to expenditures specifically permitted by other Federal law.

'Regularly employed,' as used in this clause,means, with respect to an officer or employee of a person requesting or receiving a Federal contract, an officer or employee who is employed by such person for at least 130 working days within 1 year immediately preceding the date of the submission that initiates agency consideration of such person for receipt of such contract. An officer or employee who is employed by such person for less than 130 working days within 1 year immediately preceding the date of the submission that initiates agency consideration of such person shall be considered to be regularly employed as soon as he or she is employed by such person for 130 working days.

'State,' as used in this clause, means a State of the United States, the District of Columbia, the Commonwealth of Puerto Rico, a territory or possession of the United States, an agency or instrumentality of a State, and multi-State, regional, or interstate entity having governmental duties and powers.

(b) Prohibitions (1) Section 1352 of title 31, United States Code, among other things, prohibits a recipient of a Federal contract, grant, loan, or cooperative agreement from using appropriated funds to pay any person for influencing or attempting to influence an officer or employee of any agency,a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with any of the following covered Federal actions: the awarding of any Federal contract; the making of any Federal grant; the making of any Federal loan, the entering into of any cooperative agreement; or the modification of any Federal contract, grant, loan, or cooperative agreement.

(2) The Act also requires Contractors to furnish a disclosure if any funds other than Federal appropriated funds (including profit or fee received under a covered Federal transaction) have been paid, or will be paid, to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, or an officer or employee of Congress, or an employee of a Member of Congress in connection with a Federal contract, grant, loan, or cooperative agreement.

(3) The prohibitions of the Act do not apply under the following conditions:

(i) Agency and legislative liaison by own employees. (A) The prohibition on the use of appropriated funds, in subparagraph (b)(1) of this clause, does not apply in the case of a payment of reasonable compensation made to an officer or employee of a person requesting or receiving a covered Federal action if the payment is for agency and legislative liaison activities nor directly related to a covered Federal action.

(B) For purposes of subdivision (b)(3)(i)(A) of this clause, providing any information specifically requested by an agency or Congress is permitted at any time.

(C) The following agency and legislative liaison activities are permitted at any time where they are not related to a specific solicitation for any covered Federal action:

(1) Discussing with an agency the qualities and characteristics (including individual demonstrations) of the person's products or services, conditions or terms of sale, and service capabilities.

(2) Technical discussions and other activities regarding the application or adaptation of the person's ducts or services for an agency's use.

(D) The following agency and legislative liaison activities are permitted where they are prior to formal solicitation of any covered Federal action.

(1) Providing any information not specifically requested but necessary for an agency to make an informed decision about initiation of a covered Federal action;

(2) Technical discussions regarding the preparation of an unsolicited proposal prior to its official submission; and

(3) Capability presentations by persons seeking awards from an agency pursuant to the provisions of the Small Business Act, as amended by Pub.L.95-507, and subsequent amendments.

(E) Only those services expressly authorized by subdivision (b)(3)(i)(A) of this clause are permitted under this clause.

(ii) Professional and technical services. (A) The prohibition on the use of appropriated funds, in subparagraph (b)(1) of this clause, does not apply in the case of-

(1) A payment of reasonable compensation made to an officer or employee of a person requesting or receiving a covered Federal action or an extension, continuation, renewal, amendment, or modification or a covered Federal action, if payment is for professional or technical services rendered directly in the preparation, submission, or negotiation of any bid, proposal, or application for that Federal action or for meeting requirements imposed by or pursuant to law as a condition for receiving that Federal action.

(2) Any reasonable payment to a person other than an officer or employee of a person requesting or receiving a covered Federal action or an extension, continuation, renewal, amendment, or modification of a covered Federal action if the payment is for professional or technical services rendered directly in the preparation, submission, or negotiation of any bid, proposal, or application for that Federal action or for meeting requirements imposed by or pursuant to law as a condition for receiving that Federal action. Persons other than officers or employees of a person requesting or receiving a covered Federal action include consultants and trade associations.

(B) For purposes of subdivision (b)(3)(ii)(A) of this clause, "professional and technical services" shall be limited to advice and analysis directly applying any professional or technical discipline. For example, drafting of a legal document accompanying a bid or proposal by a lawyer is allowable.

Similarly, technical advice provided by an engineer on the performance or operational capability of a piece of equipment rendered directly in the negotiation of a contract is allowable. However, communications with the intent to influence made by a professional (such as a licensed lawyer) or a technical person (such as a licensed accountant) are not allowable under this section unless they provided advice and analysis directly applying their professional or technical expertise and unless the advice or analysis is rendered directly and solely in the preparation, submission or negotiation of a covered Federal action. Thus, for example, communications with the intent to influence made by a lawyer that do not provided legal advice or analysis directly and solely related to the legal aspects of his or her client's proposal, but generally advocate one proposal over another are not allowable under this section because the lawyer is not providing professional legal services. Similarly communications with the intent to influence made by an engineer providing an engineering analysis prior to the preparation or submission of a bid or proposal are not allowable under this section since the engineer is providing technical services but not directly in the preparation, submission, or negotiation of a covered Federal action.

(C) Requirements imposed by or pursuant to law as a condition for receiving a covered Federal award include those required by law or regulation and any other requirements in the actual award document.

(D) Only se services expressly authorized by subdivisions (b)(3)(ii)(A)(1) and (2) of this clause are permitted under this clause.

(E) The reporting requirements of FAR 3.803(a) shall not apply with respect to payments of reasonable compensation made to regularly employed officers or employees of a person.

(iii) Disclosure. (A) The Contractor who requests or receives from an agency a Federal contract shall file with that agency a disclosure form, OMB standard form LLL, Disclosure of Lobbying Activities, if such person has made or has agreed to make any payment using nonappropriated funds (to include profits from any covered Federal action), which would be prohibited under subparagraph (b)(1) of this clause, if paid for with appropriated funds.

(B) The Contractor shall file a disclosure form at the end of each calendar quarter in which there occurs any event that materially affects the accuracy of the information contained in any disclosure form previously filed by such person under subparagraph (c)(1) of this clause. An event that materially affects the accuracy of the information reported includes–

(1) A cumulative increase of $25,000 or more in the amount paid or expected to be paid for influencing or attempting to influence a covered Federal action; or

(2) A change in the person(s) or individual(s) influencing or attempting to influence a covered Federal action; or

(3) A change in the officer(s), employee(s), or Member(s) contacted to influence or attempt to influence a covered Federal action.

(C) The Contractor shall require the submittal of a certification, and if required, a disclosure form by any person which requests or received any subcontract exceeding $100,000 under the Federal contract.

(D) All subcontractor disclosure forms (but not certifications) shall be forwarded from tier to tier until received by the prime Contractor. The prime Contractor shall submit all disclosures to the Contracting Officer at the end of the calendar quarter in which the disclosure form is submitted by the subcontractor. Each subcontractor certification shall be retained in the subcontract file of the awarding Contractor.

(iv) Agreement. The Contractor agrees not to make any payment prohibited by the clause.

(v) Penalties. (A) Any person who makes an expenditure prohibited under paragraph (a) of this clause or who fails to file or amend the disclosure form to be filed or amended by paragraph (b) of this clause shall be subject to civil penalties as provided for by 31 U.S.C. 1352. An imposition of a civil penalty does not prevent the Government from seeking any other remedy that may be applicable.

(B) Contractors may rely without liability on the representation made by their subcontractors in the certification and disclosure form.

(vi) Cost allowability. Nothing in this clause makes allowable or reasonable any cost which would otherwise be unallowable or unreasonable. Conversely, costs made specifically unallowable by the requirements in this clause will not be made allowable under any other provision.

10. DEAR 952.208-70 PRINTING (APR 1984)

The contractor shall not engage in, nor subcontract for, any printing (as that term is defined in Title I of the U.S. Government Printing and Binding Regulations in effect on the effective date of this contract) in connection with the performance of work under this contract. Provided, however, that performance of a requirement under this contract involving the duplication of less than 5,000 copies of a single unit, or no more than 25,000 units in the aggregate of multiple units, will not be deemed to be printing. A unit is defined as one sheet, size 8 1/2 by 11 inches one side only,

one color. A requirement is defined as a si publication document.

(1) The term "printing" includes the following processes: composition, plate making, presswork, binding, microform publishing, or the end items produced by such processes.

(2) If fulfillment of the contract will necessitate reproduction in excess of the limits set forth above, the contractor shall notify the contracting officer in writing and obtain the contracting officer's approval prior to acquiring on DOE's behalf production, acquisition, and dissemination of printed matter. Such printing must be obtained from the Government Printing Office (GPO), a contract source designated by GPO or a Joint Committee on Printing authorized federal printing plant.

(3) Printing services not obtained in compliance with this guidance will result in the cost of such printing being disallowed.

(4) The Contractor will include in each of his subcontracts hereunder a provision substantially the same as this clause including this paragraph (4).

11. FAR 52.209-6 PROTECTING THE GOVERNMENT'S INTEREST WHEN SUBCONTRACTING WITH CONTRACTORS DEBARRED, SUSPENDED, OR PROPOSED FOR DEBARMENT (NOV 1992)

(a) The Government suspends or debars Contractors to protect the Government's interests. The Contractor shall not enter into any subcontract in excess of the small purchase limitation at FAR 13.000 with a Contractor that is debarred, suspended, or proposed for debarment unless there is a compelling reason to do so.

(b) The Contractor shall require each proposed first-tier subcontractor, whose subcontract will exceed the small purchase limitation at FAR 13.000, to disclose to the Contractor, in writing, whether as of the time of award of the subcontract, the subcontractor, or its principals, is or is not debarred, suspended, or proposed for debarment by the Federal Government.

(c) A corporate officer or a designee of the Contractor shall notify the Contracting Officer, in writing, before entering into a subcontract with a party that is debarred, suspended, or proposed for debarment (see FAR 9.404 for information on the List of Parties Excluded from Procurement Programs). The notice must include the following:

(1) The name of the subcontractor.

(2) The Contractor's knowledge of the reasons for the subcontractor being on the List of Parties Excluded from Procurement Programs.

(3) The compelling reason(s) for doing business with the subcontractor notwithstanding its inclusion on the List of Parties Excluded From Procurement Programs.

(4) The systems and procedures the Contractor has established to ensure that it is fully protecting the Government's interests when dealing with such subcontractor in view of the specific basis for the party's debarment, suspension, or proposed debarment.

12. FAR 52.212-3 COMMENCEMENT, PROSECUTION, AND COMPLETION OF WORK (APR 1984)

The Contractor shall be required to (a) commence work under this contract within ..... [Contracting Officer insert number] calendar days after the date the Contractor receives the notice to proceed, (b) prosecute the work diligently, and (c) complete the entire work ready for use not later than ....". The time stated for completion shall include cleanup of the premises.

13. FAR 52.212-12 SUSPENSION OF WORK (APR 1984)

(a) The Contracting Officer may order the Contractor, in writing, to suspend, delay, or interrupt all or any part of the work of this contract for the period of time that the Contracting Officer determines appropriate for the convenience of the Government.

(b) If the performance ll or any part of the work is, for an unreasonable period of tin suspended, delayed, or interrupted (1) by an act of the Contracting Officer in the administration of this contract, or (2) by the Contracting Officer's failure to act within the time specified in this contract (or within a reasonable time if not specified), an adjustment shall be made for any increase in the cost of performance of this contract (excluding profit) necessarily caused by the unreasonable suspension, delay, or interruption, and the contract modified in writing according. However, no adjustment shall be made under this clause for any suspension, delay, or interruption to the extent that performance would have been suspended, delayed, or interrupted by any other cause, including the fault of negligence of the Contractor, or for which an equitable adjustment is provided for or excluded under any other term or condition of this contract.

(c) A claim under this clause shall not be allowed (1) for any costs incurred more than 20 days before the Contractor shall have notified the Contracting Officer in writing of the act or failure to act involved (but this requirement shall not apply as to a claim resulting from a suspension order), and (2) unless the claim, in an amount stated, is asserted in writing as soon as practicable after the termination of the suspension, delay, or interruption, but not later than the date of final payment under the contract.

14. FAR 52.214-26 AUDIT-SEALED BIDDING (APR 1985)

NOTE: This clause applies if the contract was awarded through the use of sealed bidding.

(a) Cost or pricing data.

If the Contractor has submitted cost or pricing data in connection with the pricing of any modification to this contract, unless the pricing was based on adequate price competition, established catalog or market prices of commercial items sold in substantial quantities to the general public, or prices set by law or regulation, the Contracting Officer or a representative who is an employee of the Government shall have the right to examine and audit all books, records, documents, and other data of the Contractor (including computations and projections) related to negotiating, pricing or performing the modification, in order to evaluate the accuracy, completeness, and currency of the cost or pricing data. In the case of pricing any modification, the Comptroller General of the United States or a representative who is an employee of the Government shall have the same rights.

(b) Availability.

The Contractor shall make available at its office at all reasonable times the materials described in paragraph (a) above, for examination, audit, or reproduction, until 3 years after final payment under this contract, or for any other period specified in Subpart 4.7 of the Federal Acquisition Regulation (FAR). FAR Subpart 4.7, Contractor Records Retention, in effect on the date of this contract, is incorporated by reference in its entirety and made a part of this contract.

(1) If this contract is completely or partially terminated, the records relating to the work terminated shall be made available for 3 years after any resulting final termination settlement.

(2) Records pertaining to appeals under the Disputes clause or to litigation or the settlement of claims arising under or relating to the performance of this contract shall be made available until disposition of such appeals, litigation, or claims.

(c) The Contractor shall insert a clause containing all the provisions of this clause, including this paragraph (c), in all subcontracts over $10,000 under this contract, altering the clause only as necessary to identify properly the contracting parties and the contracting office under the Government prime contract.

15. FAR 52.214-27 PRICE REDUCTION FOR DEFECTIVE COST OR PRICING DATA–MODIFICATIONS–SEALED BIDDING (DEC 1991)

NOTE: This clause is applicable if the award was made by sealed bidding.

(a) This clause shall become operativ nly for any modification to this contract involving aggregate incre and/or decreases in costs, plus applicable profits, of more than $100,000, or for the Department of Defense, the National Aeronautics and Space Administration, and the Coast Guard, more than $500,000, except that this clause does not apply to any modification for which the price is–

(1) Based on adequate price competition;

(2) Based on established catalog or market prices of commercial items sold in substantial quantities to the general public; or

(3) Set by law or regulation.

(b) If any price, including profit, negotiated in connection with any modification under this clause, was increased by any significant amount because (1) the Contractor or a subcontractor furnished cost or pricing data that were not complete, accurate, and current as certified in its Certificate of Current Cost or Pricing Data, (2) a subcontractor or prospective subcontractor furnished the Contractor cost or pricing data that were not complete, accurate, and current as certified in the Contractor's Certificate of Current Cost or Pricing Data, or (3) any of these parties furnished data of any description that were not accurate, the price shall be reduced accordingly and the contract shall be modified to reflect the reduction. This right to a price reduction is limited to that resulting from defects in data relating to modifications for which this clause becomes operative under paragraph (a) above.

(c) Any reduction in the contract price under paragraph (b) above due to defective data from a prospective subcontractor that was not subsequently awarded the subcontract shall be limited to the amount, plus applicable overhead and profit markup, by which (1) the actual subcontract or (2) the actual cost to the Contractor, if there was no subcontract, was less than the prospective subcontract cost estimate submitted by the Contractor; provided, that the actual subcontract price was not itself affected by defective cost or pricing data.

(d)(1) If the Contracting Officer determines under paragraph (b) of this clause that a price or cost reduction should be made, the Contractor agrees not to raise the following matters as a defense:

(i) The Contractor or subcontractor was a sole source supplier or otherwise was in a superior bargaining position and thus the price of the contract would not have been modified even if accurate, complete, and current cost or pricing data had been submitted.

(ii) The Contracting Officer should have known that the cost or pricing data in issue were defective even though the Contractor or subcontractor took no affirmative action to bring the character of the data to the attention of the Contracting Officer.

(iii) The contract was based on an agreement about the total cost of the contract and there was no agreement about the cost of each item procured under the contract.

(iv) The Contractor or subcontractor did not submit a Certificate of Current Cost or Pricing Data.

(2)(i) Except as prohibited by subdivision (d)(2)(ii) of this clause, an offset in an amount determined appropriate by the Contracting Officer based upon the facts shall be allowed against the amount of a contract price reduction if–

(A) The Contractor certifies to the Contracting Officer that, to the best of the Contractor's knowledge and belief, the Contractor is entitled to the offset in the amount requested; and

(B) The Contractor proves that the cost or pricing data were available before the date of agreement on the price of the contract (or price of the modification) and that the data were not submitted before such date.

(ii) An offset shall not be allowed if–

(A) The understated data was known by the Contractor to be understated when the Certificate of Current Cost or Pricing Data was signed; or

(B) The Government proves that the facts demonstrate that the contract price would not have increased in the amount to be offset eve the available data had been submitted before the date of agre nt on price.

(e) If any reduction in the contract price under this clause reduces the price of items for which payment was made prior to the date of the modification reflecting the price reduction, the Contractor shall be liable to and shall pay the United States at the time such overpayment is repaid–

(1) Simple interest on the amount of such overpayment to be computed from the date(s) of overpayment to the Contractor to the date the Government is repaid by the Contractor at the applicable underpayment rate effective for each quarter prescribed by the Secretary of the Treasury under 26 U.S.C. 6621(a)(2); and

(2) For Department of Defense contracts only, a penalty equal to the amount of the overpayment, if the Contractor or subcontractor knowingly submitted cost or pricing data which were incomplete, inaccurate, or noncurrent.

16. FAR 52.214-28 SUBCONTRACTOR COST OR PRICING DATA-MODIFICATIONS–SEALED BIDDING (DEC 1991)

(a) The requirements of paragraphs (b) and (c) of this clause shall (1) become operative only for any modification to this contract involving aggregate increases and/or decreases in costs, plus applicable profits, expected to exceed $100,000, or for the Department of Defense, the National Aeronautics and Space Administration, and the Coast Guard, expected to exceed $500,000, and (2) be limited to such modifications.

(b) Before awarding any subcontract expected to exceed $100,000, or for the Department of Defense, the National Aeronautics and Space Administration, and the Coast Guard, expected to exceed $500,000 when entered into, or pricing any subcontract modification involving aggregate increases and/or decreases in costs, plus applicable profits, expected to exceed $100,000, or for the Department of Defense, the National Aeronautics and Space Administration, and the Coast Guard, expected to exceed $500,000, the Contractor shall require the subcontractor to submit cost or pricing data (actually or by specific identification in writing), unless the price is–

(1) Based on adequate price competition;

(2) Based on established catalog or market prices of commercial items sold in substantial quantities to the general public; or

(3) Set by law or regulation.

(c) The Contractor shall require the subcontractor to certify in substantially the form prescribed in subsection 15.804-4 of the Federal Acquisition Regulation that, to the best of its knowledge and belief, the data submitted under paragraph (b) above were accurate, complete, and current as of the date of agreement on the negotiated price of the subcontract or subcontract modification.

(d) The Contractor shall insert the substance of this clause, including this paragraph (d), in each subcontract that exceeds $100,000, or for the Department of Defense, the National Aeronautics and Space Administration, and the Coast Guard, in each subcontract that exceeds $500,000 when entered into.

17. FAR 52.214-29 ORDER OF PRECEDENCE–SEALED BIDDING (JAN 1986)

NOTE: This clause applies to contracts resulting from a sealed bid solicitation.

Any inconsistency in this solicitation or contract shall be resolved by giving precedence in the following order: (a) the Schedule (excluding the specifications); (b) representations and other instructions; (c) contract clauses; (d) other documents, exhibits, and attachments; and (e) the specifications.

18. FAR 52.215-1 EXAMINATION OF RECORDS BY COMPTROLLER GENERAL (FEB 1993)

(a) This clause applies if this contract exceeds the small purchase limitation in Part 13 of the Federal Acquisition Regulation (FAR) and was entered into by negotiation.

(b) The Comptroller General of the Unit `tates or a duly authorized representative from the General ..ounting Office shall, until 3 years after final payment under this contract or for any shorter period specified in FAR Subpart 4.7, Contractor Records Retention, have access to and the right to examine any of the Contractor's directly pertinent books, documents, papers, or other records involving transactions related to this contract.

(c) The Contractor agrees to include in first-tier subcontracts under this contract a clause to the effect that the Comptroller General or a duly authorized representative from the General Accounting Office shall, until 3 years after final payment under the subcontract or for any shorter period specified in FAR Subpart 4.7, have access to and the right to examine any of the subcontractor's directly pertinent books, documents, papers, or other records involving transactions related to the subcontract. "Subcontract," as used in this clause, excludes (1) purchase orders not exceeding the FAR Part 13 small purchase limitation; and (2) subcontracts or purchase orders for public utility services at rates established to apply uniformly to the public, plus any applicable reasonable connection charge.

(d) The periods of access and examination in paragraphs (b) and (c) above for records relating to (1) appeals under the Disputes clause, (2) litigation or settlement of claims arising from the performance of this contract, or (3) costs and expenses of this contract to which the Comptroller General or a duly authorized representative from the General Accounting Office has taken exception shall continue until such appeals, litigation, claims, or exceptions are disposed of.

19. FAR 52.215-2 AUDIT–NEGOTIATION (FEB 1993)

(a) Examination of costs. If this is a cost-reimbursement, incentive, time-and-materials, labor-hour, or price-redeterminable contract, or any combination of these, the Contractor shall maintain and the Contracting Officer or representatives of the Contracting Officer shall have the right to examine and audit-books, records, documents, and other evidence and accounting procedures and practices, regardless of form (e.g., machine readable media such as disk, tape, etc.) or type (e.g., data bases, applications software, data base management software, utilities, etc.), sufficient to reflect properly all costs claimed to have been incurred or anticipated to be incurred in performing this contract. This right of examinations shall include inspection at all reasonable times of the Contractor's plants, or parts of them, engaged in performing the contract.

(b) Cost or pricing data. If, pursuant to law, the Contractor has been required to submit cost or pricing data in connection with pricing this contract or any modification to this contract, the Contracting Officer or representatives of the Contracting Officer who are employees of the Government shall have the right to examine and audit all of the Contractor's books, records, documents, and other data, regardless of form (e.g., machine readable media such as disk, tape, etc.) or type (e.g., data bases, applications software, data base management software, utilities, etc.), including computations and projections, related to proposing, negotiating, pricing, or performing the contract or modification, in order to evaluate the accuracy, completeness, and currency of the cost or pricing data. The right of examination shall extend to all documents necessary to permit adequate evaluation of the cost or pricing data submitted, along with the computations and projections used.

(c) Reports. If the Contractor is required to furnish cost, funding, or performance reports, the Contracting Officer or representatives of the Contracting Officer who are employees of the Government shall have the right to examine and audit books, records, other documents, and supporting materials, for the purpose of evaluating (1) the effectiveness of the Contractor's policies and procedures to produce data compatible with the objectives of these reports and (2) the data reported.

(d) Availability. The C ractor shall make available at its office at all reasonable tin. the materials described in paragraphs (a) and (b) above, for examination, audit, or reproduction, until 3 years after final payment under this contract, or for any shorter period specified in Subpart 4.7, Contractor Records Retention, of the Federal Acquisition Regulation (FAR), or for any longer period required by statute or by other clauses of this contract. In addition (1) If this contract is completely or partially terminated, the records relating to the work terminated shall be made available for 3 years after any resulting final termination settlement; and (2) Records relating to appeals under the Disputes clause or to litigation or the settlement of claims arising under or relating to this contract shall be made available until such appeals, litigation, or claims are disposed of.

(e) Except as otherwise provided in FAR Subpart 4.7, Contractor Records Retention, the Contractor may transfer computer data in machine readable form from one reliable computer medium to another. The Contractor's computer data retention and transfer procedures shall maintain the integrity, reliability, and security of the original data. The contractor's choice of form or type of materials described in paragraphs (a), (b), and (c) of this clause affects neither the Contractor's obligations nor the Government's rights under this clause.

(f) The Contractor shall insert a clause containing all the terms of this clause, including this paragraph (f), in all subcontracts under this contract that are over the small purchase limitation in FAR Part 13, altering the clause only as necessary to identify properly the contracting parties and the Contracting Officer under the Government prime contract.

20. FAR 52.215-22 PRICE REDUCTION FOR DEFECTIVE COST OR PRICING DATA (JAN 1991)

(a) If any price, including profit or fee, negotiated in connection with this contract, or any cost reimbursable under this contract, was increased by any significant amount because (1) the Contractor or a subcontractor furnished cost or pricing data that were not complete, accurate, and current as certified in its Certificate of Current Cost or Pricing Data, (2) a subcontractor or prospective subcontractor furnished the Contractor cost or pricing data that were not complete, accurate, and current as certified in the Contractor's Certificate of Current Cost or Pricing Data, or (3) any of these parties furnished data of any description that were not accurate, the price or cost shall be reduced accordingly and the contract shall be modified to reflect the reduction.

(b) Any reduction in the contract price under paragraph (a) above due to defective data from a prospective subcontractor that was not subsequently awarded the subcontract shall be limited to the amount, plus applicable overhead and profit markup, by which (1) the actual subcontract or (2) the actual cost to the Contractor, if there was no subcontract, was less than the prospective subcontract cost estimate submitted by the Contractor; provided, that the actual subcontract price was not itself affected by defective cost or pricing data.

(c)(1) If the Contracting Officer determines under paragraph (a) of this clause that a price or cost reduction should be made, the Contractor agrees not to raise the following matters as a defense:

(i) The Contractor or subcontractor was a sole source supplier or otherwise was in a superior bargaining position and thus the price of the contract would not have been modified even if accurate, complete, and current cost or pricing data had been submitted.

(ii) The Contracting Officer should have known that the cost or pricing data in issue were defective even though the Contractor or subcontractor took no affirmative action to bring the character of the data to the attention of the Contracting Officer.

(iii) The contract was based on an agreement about the total cost of the contract and there was no agreement about the cost of each item procured under the contract.

(iv) The Contractor or subcon or did not submit a Certificate of Current Cost or Pricing Data.

(2)(i) Except as prohibited by subdivision (c)(2)(ii) of this clause, an offset in an amount determined appropriate by the Contracting Officer based upon the facts shall be allowed against the amount of a contract price reduction if–

(A) The Contractor certifies to the Contracting Officer that, to the best of the Contractor's knowledge and belief, the Contractor is entitled to the offset in the amount requested; and

(B) The Contractor proves that the cost or pricing data were available before the date of agreement on the price of the contract (or price of the modification) and that the data were not submitted before such date.

(ii) An offset shall not be allowed if–

(A) The understated data was known by the Contractor to be understated when the Certificate of Current Cost or Pricing Data was signed; or

(B) The Government proves that the facts demonstrate that the contract price would not have increased in the amount to be offset even if the available data had been submitted before the date of agreement on price.

(d) If any reduction in the contract price under this clause reduces the price of items for which payment was made prior to the date of the modification reflecting the price reduction, the Contractor shall be liable to and shall pay the United States at the time such overpayment is repaid

(1) Simple interest on the amount of such overpayment to be computed from the date(s) of overpayment to the Contractor to the date the Government is repaid by the Contractor at the applicable underpayment rate effective for each quarter prescribed by the Secretary of the Treasury under 26 U.S.C. 6621(a)(2); and

(2) For Department of Defense contracts only, a penalty equal to the amount of the overpayment, if the Contractor or subcontractor knowingly submitted cost or pricing data which were incomplete, inaccurate, or noncurrent.

21. FAR 52.215-23 PRICE REDUCTION FOR DEFECTIVE COST OR PRICING DATA–MODIFICATIONS (DEC 1991)

(a) This clause shall become operative only for any modification to this contract involving a pricing adjustment expected to exceed $100,000, or for the Department of Defense, the National Aeronautics and Space Administration, and the Coast Guard, expected to exceed $500,000, except that this clause does not apply to any modification for which the price is–

(1) Based on adequate price competition;

(2) Based on established catalog or market prices of commercial items sold in substantial quantities to the general public; or

(3) Set by law or regulation.

(b) If any price, including profit or fee, negotiated in connection with any modification under this clause, or any cost reimbursable under this contract, was increased by any significant amount because (1) the Contractor or a subcontractor furnished cost or pricing data that were not complete, accurate, and current as certified in its Certificate of Current Cost or Pricing Data, (2) a subcontractor or prospective subcontractor furnished the Contractor cost or pricing data that were not complete, accurate, and current as certified in the Contractor's Certificate of Current Cost or Pricing Data, or (3) any of these parties furnished data of any description that were not accurate, the price or cost shall be reduced accordingly and the contract shall be modified to reflect the reduction. This right to a price reduction is limited to that resulting from defects in data relating to modifications for which this clause becomes operative under paragraph (a) of this clause.

(c) Any reduction in the contract price under paragraph (b) of this clause due to defective data from a prospective subcontractor that was not subsequently awarded the subcontract shall be limited to the amount, plus applicable overhead and profit markup, by which (1) the actual subcontract or (2) the actual cost to the Contractor, if there was subcontract, was less than the prospective subcontract cost estimate submitted by the Contractor; provided, that the actual subcontract price was not itself affected by defective cost or pricing data.

(d)(1) If the Contracting Officer determines under paragraph (b) of this clause that a price or cost reduction should be made, the Contractor agrees not to raise the following matters as a defense:

(i) The Contractor or subcontractor was a sole source supplier or otherwise was in a superior bargaining position and thus the price of the contract would not have been modified even if accurate, complete, and current cost or pricing data had been submitted.

(ii) The Contracting Officer should have known that the cost or pricing data in issue were defective even though the Contractor or subcontractor took no affirmative action to bring the character of the data to the attention of the Contracting Officer.

(iii) The contract was based on an agreement about the total cost of the contract and there was no agreement about the cost of each item procured under the contract.

(iv) The Contractor or subcontractor did not submit a Certificate of Current Cost or Pricing Data.

(2)(i) Except as prohibited by subdivision (d)(2)(ii) of this clause, an offset in an amount determined appropriate by the Contracting Officer based upon the facts shall be allowed against the amount of a contract price reduction if-

(A) The Contractor certifies to the Contracting Officer that, to the best of the Contractor's knowledge and belief, the Contractor is entitled to the offset in the amount requested; and

(B) The Contractor proves that the cost or pricing data were available before the date of agreement on the price of the contract (or price of the modification) and that the data were not submitted before such date.

(ii) An offset shall not be allowed if–

(A) The understated data was known by the Contractor to be understated when the Certificate of Current Cost or Pricing Data was signed; or

(B) The Government proves that the facts demonstrate that the contract price would not have increased in the amount to be offset even if the available data had been submitted before the date of agreement on price.

(e) If any reduction in the contract price under this clause reduces the price of items for which payment was made prior to the date of the modification reflecting the price reduction, the Contractor shall be liable to and shall pay the United States at the time such overpayment is repaid–

(1) Simple interest on the amount of such overpayment to be computed from the date(s) of overpayment to the Contractor to the date the Government is repaid by the Contractor at the applicable underpayment rate effective for each quarter prescribed by the Secretary of the Treasury under 26 U.S.C. 6621(a)(2); and

(2) For Department of Defense contracts only, a penalty equal to the amount of the overpayment, if the Contractor or subcontractor knowingly submitted cost or pricing data which were incomplete, inaccurate, or noncurrent.

22. FAR 52.215-24 SUBCONTRACTOR COST OR PRICING DATA (DEC 1991)

(a) Before awarding any subcontract expected to exceed $100,000, or for the Department of Defense, the National Aeronautics and Space Administration, and the Coast Guard, expected to exceed $500,000, when entered into, or before pricing any subcontract modification involving a pricing adjustment expected to exceed $100,000, or for the Department of Defense, the National Aeronautics and Space Administration, and the Coast Guard, expected to exceed $500,000, the Contractor shall require the subcontractor to submit cost or pricing data (actually or by specific identification in writing), unless the price is–

(1) Based on adequate price competition;

(2) Based on established catalog or 'et prices of commercial items sold in substantial quanti .o the general public; or

(3) Set by law or regulation.

(b) The Contractor shall require the subcontractor to certify in substantially the form prescribed in subsection 15.804-4 of the Federal Acquisition Regulation (FAR) that, to the best of its knowledge and belief, the data submitted under paragraph (a) of this clause were accurate, complete, and current as of the date of agreement on the negotiated price of the subcontract or subcontract modification.

(c) In each subcontract that exceeds $100,000, or for the Department of Defense, the National Aeronautics and Space Administration, and the Coast Guard, in each subcontract that exceeds $500,000, when entered into, the Contractor shall insert either–

(1) The substance of this clause, including this paragraph (c), if paragraph (a) of this clause requires submission of cost or pricing data for the subcontract; or

(2) The substance of the clause at FAR 52.215-25, Subcontractor Cost or Pricing Data-Modifications.

23. FAR 52.215-25 SUBCONTRACTOR COST OR PRICING DATA-MODIFICATIONS (DEC 1991)

(a) The requirements of paragraphs (b) and (c) of this clause shall (1) become operative only for any modification to this contract involving a pricing adjustment expected to exceed $100,000, or for the Department of Defense, the National Aeronautics and Space Administration, and the Coast Guard, expected to exceed $500,000; and (2) be limited to such modifications.

(b) Before awarding any subcontract expected to exceed $100,000, or $500,000 for the Department of Defense, the National Aeronautics and Space Administration, and the Coast Guard, when entered into, or pricing any subcontract modification involving a pricing adjustment expected to exceed $100,000, or for the Department of Defense, the National Aeronautics and Space Administration, and the Coast Guard, expected to exceed $500,000, the Contractor shall require the subcontractor to submit cost or pricing data (actually or by specific identification in writing), unless the price is–

(1) Based on adequate price competition;

(2) Based on established catalog or market prices of commercial items sold in substantial quantities to the general public; or

(3) Set by law or regulation.

(c) The Contractor shall require the subcontractor to certify in substantially the form prescribed in subsection 15.804-4 of the Federal Acquisition Regulation (FAR) that, to the best of its knowledge and belief, the data submitted under paragraph (b) of this clause were accurate, complete, and current as of the date of agreement on the negotiated price of the subcontract or subcontract modification.

(d) The Contractor shall insert the substance of this clause, including this paragraph (d), in each subcontract that exceeds $100,000, or for the Department of Defense, the National Aeronautics and Space Administration, and the Coast Guard, in each subcontract that exceeds $500,000, when entered into.

24. FAR 52.215-27 TERMINATION OF DEFINED BENEFIT PENSION PLANS (SEP 1989)

NOTE: Applies to contracts requiring certification of cost or pricing data.

The Contractor shall promptly notify the Contracting Officer in writing when it determines that it will terminate a defined benefit pension plan or otherwise recapture such pension fund assets. If pension fund assets revert to the Contractor or are constructively received by it under a termination or otherwise, the Contractor shall make a refund or give a credit to the Government for its equitable share as required by FAR 31.2056(j)(4). The Contractor shall include the substance of tr lause in all subcontracts under this contract which meet the a ability requirement of FAR 15.804-8(e).

25. FAR 52.215-33 ORDER OF PRECEDENCE (JAN 1986)

Any inconsistency in this solicitation or contract shall be resolved by giving precedence in the following order: (a) the Schedule (excluding the specifications); (b) representations and other instructions; (c) contract clauses; (d) other documents, exhibits, and attachments; and (e) the specifications.

26. FAR 52.219-8 UTILIZATION OF SMALL BUSINESS CONCERNS AND SMALL DISADVANTAGED BUSINESS CONCERNS (FEB 1990)

(a) It is the policy of the United States that small business concerns and small business concerns owned and controlled by socially and economically disadvantaged individuals shall have the maximum practicable opportunity to participate in performing contracts let by any Federal agency, including contracts and subcontracts for subsystems, assemblies, components, and related services for major systems. It is further the policy of the United States that its prime contractors establish procedures to ensure the timely payment of amounts due pursuant to the terms of their subcontracts with small business concerns and small business concerns owned and controlled by socially and economically disadvantaged individuals.

(b) The Contractor hereby agrees to carry out this policy in the awarding of subcontracts to the fullest extent consistent with efficient contract performance. The Contractor further agrees to cooperate in any studies or surveys as may be conducted by the United States Small Business Administration or the awarding agency of the United States as may be necessary to determine the extent of the Contractor's compliance with this clause.

(c) As used in this contract, the term "small business concern" shall mean a small business as defined pursuant to section 3 of the Small Business Act and relevant regulations promulgated pursuant thereto. The term "small business concern owned and controlled by socially and economically disadvantaged individuals" shall mean a small business concern (1) which is at least 51 percent unconditionally owned by one or more socially and economically disadvantaged individuals; or, in the case of any publicly owned business, at least 51 per centum of the stock of which is unconditionally owned by one or more socially and economically disadvantaged individuals; and (2) whose management and daily business operations are controlled by one or more of such individuals. This term also means a small business concern that is a least 51 percent unconditionally owned by an economically disadvantaged Indian tribe or Native Hawaiian organization, or a publicly owned business having at least 51 percent of its stock unconditionally owned by one of these entities which has its management and daily business controlled by members or an economically disadvantaged Indian tribe or Native Hawaiian Organization, and which meets the requirements or 13 CFR 124. The Contractor shall presume that socially and economically disadvantaged individuals include Black Americans, Hispanic Americans, Native Americans, Asian-Pacific Americans, Subcontinent Asian Americans and other minorities, or any other individual found to be disadvantaged by the Administration pursuant to section 8(a) of the Small Business Act. The Contractor shall presume that socially and economically disadvantaged entities also include Indian Tribes and Native Hawaiian Organizations.

(d) Contractors acting in good faith may rely on written representations by their subcontractors regarding their status as either a small business concern or a small business concern owned and controlled by socially and economically disadvantaged individuals.

27. FAR 52.219-9 SMALL BUSINESS '] SMALL DISADVANTAGED BUSINESS SUBCO .ACTING PLAN (JAN 1991), AND ALTERNATE I (FEB 1990)

(a) This clause does not apply to small business concerns.

(b) "Commercial product," as used in this clause, means a product in regular production that is sold in substantial quantities to the general public and/or industry at established catalog or market prices. It also means a product which, in the opinion of the Contracting Officer, differs only insignificantly from the Contractor's commercial product.

"Subcontract," as used in this clause, means any agreement (other than one involving an employer-employee relationship) entered into by a Federal Government prime Contractor or subcontractor calling for supplies or services required for performance of the contract or subcontract.

(c) The offeror, upon request by the Contracting Officer, shall submit and negotiate a subcontracting plan, where applicable, which separately addresses subcontracting with small business concerns and small disadvantaged business concerns. If the offeror is submitting an individual contract plan, the plan must separately address subcontracting with small business concerns and with small disadvantaged business concerns with a separate part for each option (if any). The plan shall be included in and made a part of the resultant contract. The subcontracting plan shall be negotiated within the time specified by the Contracting Officer. Failure to submit and negotiate the subcontracting plan shall make the offeror ineligible for award of a contract.

(d) The offeror's subcontracting plan shall include the following:

(1) Goals, expressed in terms of percentages of total planned subcontracting dollars, for the use of small business concerns and small disadvantaged business concerns as subcontractors. The offeror shall include all subcontracts that contribute to contract performance, and may include a proportionate share of products and services that are normally allocated as indirect costs.

(2) A statement of–

(i) Total dollars planned to be subcontracted;

(ii) Total dollars planned to be subcontracted to small business concerns; and

(iii) Total dollars planned to be subcontracted to small disadvantaged business concerns.

(3) A description of the principal types of supplies and services to be subcontracted, and an identification of the types planned for subcontracting to (i) small business concerns and (ii) small disadvantaged business concerns.

(4) A description of the method used to develop the subcontracting goals in (1) above.

(5) A description of the method used to identify potential sources for solicitation purposes (e.g., existing company source lists, the Procurement Automated Source System (PASS) of the Small Business Administration, the National Minority Purchasing Council Vendor Information Service, the Research and Information Division of the Minority Business Development Agency in the Department of Commerce, or small and small disadvantaged business concerns trade associations).

(6) A statement as to whether or not the offeror included indirect costs in establishing subcontracting goals, and a description of the method used to determine the proportionate share of indirect costs to be incurred with (i) small business concerns and (ii) small disadvantaged business concerns.

(7) The name of the individual employed by the offeror who will administer the offeror's subcontracting program, and a description of the duties of the individual.

(8) A description of the efforts the offeror will make to assure that small business concerns and small disadvantaged business concerns have an equitable opportunity to compete for subcontracts.

(9) Assurances that the offeror will include the clause in this contract entitled "Utilization of Small Business Concerns and Small Disadvantaged Busine: ncerns" in all subcontracts that offer further subcontracting o, rtunities, and that the offeror will require all subcontractors (except small business concerns) who receive subcontracts in excess of $500,000 ($1,000,000 for construction of any public facility), to adopt a plan similar to the plan agreed to by the offeror.

(10) Assurances that the offeror will (i) cooperate in any studies or surveys as may be required, (ii) submit periodic reports in order to allow the Government to determine the extent of compliance by the offeror with the subcontracting plan, (iii) submit Standard Form (SF) 294, Subcontracting Report for Individual Contracts, and/or SF 295, Summary Subcontract Report, in Accordance with the instructions on the forms, and (iv) ensure that its subcontractors agree to submit Standard Forms 294 and 295.

(11) A recitation of the types of records the offeror will maintain to demonstrate procedure that have been adopted to comply with the requirements and goals in the plan, including establishing source lists; and a description of its efforts to locate small and small disadvantaged business concerns and award subcontracts to them. The records shall include at least the following (on a plant-wide or company-wide basis, unless otherwise indicated):

(i) Source lists, guides, and other data that identify small and small disadvantaged business concerns.

(ii) Organizations contacted in an attempt to locate sources that are small or small disadvantaged business concerns.

(iii) Records on each subcontract solicitation resulting in an award of more than $100,000, indicating (A) whether small business concerns were solicited and if not, why not, (B) whether small disadvantaged business concerns were solicited and if not, why not, and (C) if applicable, the reason award was not made to a small business concern.

(iv) Records of any outreach efforts to contact (A) trade associations, (B) business development organizations, and (C) conferences and trade fairs to locate small and small disadvantaged business sources.

(v) Records of internal guidance and encouragement provided to buyers through (A) workshops, seminars, training, etc., (B) monitoring performance to evaluate compliance with the program's requirements.

(vi) On a contract-by-contract basis, records to support award data submitted by the offeror to the Government, including the name, address, and business size of each subcontractor. Contractors having company or division-wide annual plans need not comply with this requirement.

(e) In order to effectively implement this plan to the extent consistent with efficient contract performance, the Contractor shall perform the following functions:

(1) Assist small business and small disadvantaged business concerns by arranging solicitations, time for the preparation of bids, quantities, specifications, and delivery schedules so as to facilitate the participation by such concerns. Where the Contractor's lists of potential small business and small disadvantaged subcontractors are excessively long, reasonable effort shall be made to give all such small business concerns an opportunity to compete over a period of time.

(2) Provide adequate and timely consideration of the potentialities of small business and small disadvantaged business concerns in all "make-or-buy" decisions.

(3) Counsel and discuss subcontracting opportunities with representatives of small and small disadvantaged business firms.

(4) Provide notice to subcontractors concerning penalties remedies for misrepresentations of business status as small business or small disadvantaged business for the purpose of obtaining a subcontract that is to be included as part or all of a goal contained in the Contractor's subcontracting plan.

(f) A master subcontracting plan on a plant or division-wide basis which contains all the elements required by (d) above, except goals, may be incorporated by reference as a part of the

subcontracting plan required of the offeror b ·is clause; provided, (1) the master plan has been approved, (2) offeror provides copies of the approved master plan and evidence of its approval to the Contracting Officer, and (3) goals and any deviations from the master plan deemed necessary by the Contracting Officer to satisfy the requirements of this contract are set forth in the individual subcontracting plan.

(g) (1) If a commercial product is offered, the subcontracting plan required by this clause may relate to the offeror's production generally, for both commercial and noncommercial products, rather than solely to the Government contract. In these cases, the offeror shall, with the concurrence of the Contracting Officer, submit one company-wide or division-wide annual plan.

(2) The annual plan shall be reviewed for approval by the agency awarding the offeror its first prime contract requiring a subcontracting plan during the fiscal year, or by an agency satisfactory to the Contracting Officer.

(3) The approved plan shall remain in effect during the offeror's fiscal year for all of the offeror's commercial products.

(h) Prior compliance of the offeror with other such subcontracting plans under previous contracts will be considered by the Contracting Officer in determining the responsibility of the offeror for award of the contract.

(i) The failure of the Contractor or subcontractor to comply in good faith with (1) the clause of this contract entitled "Utilization of Small Business Concerns and Small Disadvantaged Business Concerns," or (2) an approved plan required by this clause, shall be a material breach of the contract.

Alternate I (AUG 1989)

When contracting by sealed bidding rather than by negotiation, substitute the following paragraph (c) for paragraph (c) of the above clause:

(c) The apparent low bidder, upon request by the Contracting Officer, shall submit a subcontracting plan, where applicable, which separately addresses subcontracting with small business concerns and with small disadvantaged business concerns. If the bidder is submitting an individual contract plan, the plan must separately address subcontracting with small business concerns and with small disadvantaged business concerns with a separate part for the basic contract and separate parts for each option (if any). The plan shall be included in and made a part of the resultant contract. The subcontracting plan shall be submitted within the time specified by the Contracting Officer. Failure to submit the subcontracting plan shall make the bidder ineligible for the award of a contract.

28. FAR 52.219-13 UTILIZATION OF WOMEN-OWNED SMALL BUSINESSES (AUG 1986)

(a) "Women-owned small businesses," as used in this clause, means small business concerns that are at least 51 percent owned by women who are United States citizens and who also control and operate the business.

"Control," as used in this clause, means exercising the power to make policy decisions.

"Operate," as used in this clause, means being actively involved in the day-to-day management of the business.

"Small business concern," as used in this clause, means a concern including its affiliates, that is independently owned and operated, not dominant in the field of operation in which it is bidding on Government contracts, and qualified as a small business under the criteria and size standards in 13 CFR 121.

(b) It is the policy of the United States that women-owned small businesses shall have the maximum practicable opportunity to participate in performing contracts awarded by any Federal agency.

(c) The Contractor agrees to use its best efforts to give women-owned small businesses the maximum practicable opportunity to participate in the subcontracts it awards to the fullest extent consistent with the efficient performance of its contract.

(d) The Contractor ma· ·ly on written representations by its subcontractors regarding status as women-owned small businesses.

29. FAR 52.219-16 LIQUIDATED DAMAGES-SMALL BUSINESS SUBCONTRACTING PLAN (AUG 1989)

(a) "Failure to make a good faith effort to comply with the subcontracting plan," as used in this clause, means a willful or intentional failure to perform in accordance with the requirements of the subcontracting plan approved under the clause in this contract entitled "Small Business and Small Disadvantaged Business Subcontracting Plan," or willful or intentional action to frustrate the plan.

(b) If, at contract completion, or in the case of a commercial products plan, at the close of the fiscal year for which the plan is applicable, the Contractor has failed to meet its subcontracting goals and the Contracting Officer decides in accordance with paragraph (c) of this clause that the Contractor failed to make good faith effort to comply with its subcontracting plan, established in accordance with the clause in this contract entitled Small and Small Disadvantaged Business Subcontracting Plans, the Contractor shall pay the Government liquidated damages in an amount stated. The amount of damages attributable to the Contractor's failure to comply shall be an amount equal to the actual dollar amount by which the Contractor failed to achieve each subcontract goal or, in the case of a commercial products plan, that portion of the dollar amount allocable to Government contracts by which the Contractor failed to achieve each subcontract goal.

(c) Before the Contracting Officer makes a final decision that the Contractor has failed to make such good faith effort, the Contracting Officer shall give the Contractor written notice specifying the failure and permitting the Contractor to demonstrate what good faith efforts have been made. Failure to respond to the notice may be taken as an admission that no valid explanation exists. If, after consideration of all the pertinent data, the Contracting Officer finds that the Contractor failed to make a good faith effort to comply with the subcontracting plan, the Contracting Officer shall issue a final decision to that effect and require that the Contractor pay the Government liquidated damages as provided in paragraph (b) of this clause.

(d) With respect to commercial products plans, i.e., company-wide or division-wide subcontracting plans approved under paragraph (g) of the clause in this contract entitled, Small Business and Small Disadvantaged Business Subcontracting Plan, the Contracting Officer of the agency that originally approved the plan will exercise the functions of the Contracting Officer under this clause on behalf of all agencies that awarded contracts covered by that commercial products plan.

(e) The Contractor shall have the right of appeal, under the clause in this contract entitled Disputes, from any final decision of the Contracting Officer.

(f) Liquidated damages shall be in addition to any other remedies that the Government may have.

30. FAR 52.220-3 UTILIZATION OF LABOR SURPLUS AREA CONCERNS (APR 1984)

(a) Applicability. This clause is applicable if this contract exceeds the appropriate small purchase limitation in Part 13 of the Federal Acquisition Regulation.

(b) Policy. It is the policy of the Government to award contracts to concerns that agree to perform substantially in labor surplus areas (LSA's) when this can be done consistent with the efficient performance of the contract and at prices no higher than are obtainable elsewhere. The Contractor agrees to use its best efforts to place subcontracts in accordance with this policy.

(c) Order of preference. In complying with paragraph (b) above and with paragraph (c) of the clause of this contract entitled Utilization of Small Business Concerns and Small Disadvantaged

Business Concerns, the Contractor shall [illegible]rve the following order of preference in awarding subcontra[illegible]:

(1) small business concerns that are LSA concerns,

(2) other small business concerns, and

(3) other LSA concerns.

(d) Definitions. "Labor surplus area," as used in this clause, means a geographical area identified by the Department of Labor in accordance with 20 CFR 654, Subpart A, as an area of concentrated unemployment or underemployment or an area of labor surplus.

"Labor surplus area concern," as used in this clause, means a concern that together with its first-tier subcontractors will perform substantially in labor surplus areas. Performance is substantially in labor surplus areas if the costs incurred under the contract on account of manufacturing, production, or performance of appropriate services in labor surplus areas exceed 50 percent of the contract price.

31. FAR 52.220-4 LABOR SURPLUS AREA SUBCONTRACTING PROGRAM (APR 1984)

(a) See the Utilization of Labor Surplus Area Concerns clause of this contract for applicable definitions.

(b) The Contractor agrees to establish and conduct a program to encourage labor surplus area (LSA) concerns to compete for subcontracts within their capabilities when the subcontracts are consistent with the efficient performance of the contract at prices no higher than obtainable elsewhere. The Contractor shall-

(1) Designate a liaison officer who will (i) maintain liaison with authorized representatives of the Government on LSA matters, (ii) supervise compliance with the Utilization of Labor Surplus Area Concerns clause, and (iii) administer the Contractor's labor surplus area subcontracting program;

(2) Provide adequate and timely consideration of the potentialities of LSA concerns in all make-or-buy decisions;

(3) Ensure that LSA concerns have an equitable opportunity to compete for subcontracts, particularly by arranging solicitations, time for the preparation of offers, quantities, specifications, and delivery schedules so as to facilitate the participation of LSA concerns;

(4) Include the Utilization of Labor Surplus Area Concerns clause in subcontracts that offer substantial LSA subcontracting opportunities; and

(5) Maintain records showing (i) the procedures adopted and (ii) the Contractor's performance, to comply with this clause. The records will be kept available for review by the Government until the expiration of 1 year after the award of this contract, or for such longer period as may be required by any other clause of this contract or by applicable law or regulations.

(c) The Contractor further agrees to insert in any related subcontract that may exceed $500,000 and that contains the Utilization of Labor Surplus Area Concerns clause, terms that conform substantially to the language of this clause, including this paragraph (c), and to notify the Contracting Officer of the names of subcontractors.

32. FAR 52.222-1 NOTICE TO THE GOVERNMENT OF LABOR DISPUTES (APR 1984)

(a) If the Contractor has knowledge that any actual or potential labor dispute is delaying or threatens to delay the timely performance of this contract, the Contractor shall immediately give notice, including all relevant information, to the Contracting Officer.

(b) The Contractor agrees to insert the substance of this clause, including this paragraph (b), in any subcontract to which a labor dispute may delay the timely performance of this contract; except that each subcontract shall provide that in the event its timely performance is delayed or threatened by delay by any actual or potential labor dispute, the subcontractor shall immediately notify the next higher tier subcontractor or the prime Contractor, as the case may be, of all relevant information concerning the dispute.

33. FAR 52.222-3 CO[illegible]T LABOR (APR 1984)

The Contractor agre[illegible] not to employ any person undergoing sentence of imprisonment in performing this contract except as provided by 18 U.S.C. 4082(c)(2) and Executive Order 11755, December 29, 1973.

34. FAR 52.222-4 CONTRACT WORK HOURS AND SAFETY STANDARDS ACT– OVERTIME COMPENSATION (MAR 1986)

(a) Overtime requirements. No Contractor or subcontractor contracting for any part of the contract work which may require or involve the employment of laborers or mechanics (see Federal Acquisition Regulation (FAR) 22.300) shall require or permit any such laborers or mechanics in any workweek in which the individual is employed on such work to work in excess of 40 hours in such workweek unless such laborer or mechanic receives compensation at a rate not less than 1 1/2 times the basic rate of pay for all hours worked in excess of 40 hours in such workweek.

(b) Violation; liability for unpaid wages; liquidated damages. In the event of any violation of the provisions set forth in paragraph (a) of this clause, the Contractor and any subcontractor responsible therefor shall be liable for the unpaid wages. In addition, such Contractor and subcontractor shall be liable to the United States (in the case of work done under contract for the District of Columbia or a territory, to such District or to such territory), for liquidated damages. Such liquidated damages shall be computed with respect to each individual laborer or mechanic employed in violation of the provisions set forth in paragraph (a) of this clause in the sum of $10 for each calendar day on which such individual was required or permitted to work in excess of the standard workweek of 40 hours without payment of the overtime wages required by provisions set forth in paragraph (a) of this clause.

(c) Withholding for unpaid wages and liquidated damages. The Contracting Officer shall upon his or her own action or upon written request of an authorized representative of the Department of Labor withhold or cause to be withheld, from any moneys payable on account of work performed by the Contractor or subcontractor under any such contract or any other Federal contract with the same Prime Contractor, or any other Federally assisted contract subject to the Contract Work Hours and Safety Standards Act which is held by the same Prime Contractor, such sums as may be determined to be necessary to satisfy any liabilities of such Contractor or subcontractor for unpaid wages and liquidated damages as provided in the provisions set forth in paragraph (b) of this clause.

(d) Payrolls and basic records. (1) The Contractor or subcontractor shall maintain payrolls and basic payroll records during the course of contract work and shall preserve them for a period of 3 years from the completion of the contract for all laborers and mechanics working on the contract. Such records shall contain the name and address of each such employee, social security number, correct classifications, hourly rates of wages paid, daily and weekly number of hours worked, deductions made, and actual wages paid. Nothing in this paragraph shall require the duplication of records required to be maintained for construction work by Department of Labor regulations at 29 CFR 5.5(a)(3) implementing the Davis-Bacon Act.

(2) The records to be maintained under paragraph (d)(1) of this clause shall be made available by the Contractor or subcontractor for inspection, copying, or transcription by authorized representatives of the Contracting Officer or the Department of Labor. The Contractor or subcontractor shall permit such representatives to interview employees during working hours on the job.

(e) Subcontracts. The Contractor or subcontractor shall insert in any subcontracts the provisions set forth in paragraphs (a) through (e) of this clause and also a clause requiring the subcontractors to include these provisions in any lower tier

subcontracts. The Prime Contractor shall ' 'sponsible for compliance by any subcontractor or lower t.. subcontractor with the provisions set forth in paragraphs (a) through (e) of this clause.

35. CONSTRUCTION LABOR-RELATED CLAUSES

35.1 FAR 52.222-6 DAVIS-BACON ACT (NOV 1992)

(a) All laborers and mechanics employed or working upon the site of the work will be paid unconditionally and not less often than once a week, and without subsequent deduction or rebate on any account (except such payroll deductions as are permitted by regulations issued by the Secretary of Labor under the Copeland Act (29 CFR Part 3)), the full amount of wages and bona fide fringe benefits (or cash equivalents thereof) due at time of payment computed at rates not less than those contained in the wage determination of the Secretary of Labor which is attached hereto and made a part hereof, regardless of any contractual relationship which may be alleged to exist between the Contractor and such laborers and mechanics. Contributions made or costs reasonably anticipated for bona fide fringe benefits under section 1(b)(2) of the Davis-Bacon Act on behalf of laborers or mechanics are considered wages paid to such laborers or mechanics, subject to the provisions of paragraph (d) of this clause; also, regular contributions made or costs incurred for more than a weekly period (but not less often than quarterly) under plans, funds, or programs which cover the particular weekly period, are deemed to be constructively made or incurred during such period. Such laborers and mechanics shall be paid not less than the appropriate wage rate and fringe benefits in the wage determination for the classification of work actually performed, without regard to skill, except as provided in the clause entitled Apprentices and Trainees. Laborers or mechanics performing work in more than one classification may be compensated at the rate specified for each classification for the time actually worked therein; provided, that the employer's payroll records accurately set forth the time spent in each classification in which work is performed. The wage determination (including any additional classifications and wage rates conformed under paragraph (b) of this clause) and the Davis-Bacon poster (WH-1321) shall be posted at all times by the Contractor and its subcontractors at the site of the work in a prominent and accessible place where it can be easily seen by the workers.

(b)(1) The contracting Officer shall require that any class of laborers or mechanics, including helpers, which is not listed in the wage determination and which is to be employed under the contract shall be classified in conformance with the wage determination. The Contracting Officer shall approve an additional classification and wage rate and fringe benefits therefor only when all the following criteria have been met:

(i) Except with respect to helpers, as defined in section 22.101 of the Federal Acquisition Regulation, the work to be performed by the classification requested is not performed by a classification in the wage determination.

(ii) The classification is utilized in the area by the construction industry.

(iii) The proposed wage rate, including any bona fide fringe benefits, bears a reasonable relationship to the wage rates contained in the wage determination.

(iv) With respect to helpers, such a classification prevails in the area in which the work is performed.

(2) If the Contractor and the laborers and mechanics to be employed in the classification (if known), or their representatives, and the Contracting Officer agree on the classification and wage rate (including the amount designated for fringe benefits, where appropriate), a report of the action taken shall be sent by the Contracting Officer to the Administrator of the Wage and Hour Division, Employment Standards Administration, U.S. Department of Labor, Washington, DC 20210. The Administrator or an authorized representative will approve, modify, or disapprove every additional classification ar within 30 days of receipt and so advise the Contracting Of. or will notify the Contracting Officer within the 30-day period that additional time is necessary.

(3) In the event the Contractor, the laborers or mechanics to be employed in the classification, or their representatives, and the Contracting Officer do not agree on the proposed classification and wage rate (including the amount designated for fringe benefits, where appropriate), the Contracting Officer shall refer the questions, including the views of all interested parties and the recommendation of the Contracting Officer, to the Administrator of the Wage and Hour Division for determination. The Administrator, or an authorized representative, will issue a determination within 30 days of receipt and so advise the Contracting Officer or will notify the Contracting Officer within the 30-day period that additional time is necessary.

(4) The wage rate (including fringe benefits, where appropriate) determined pursuant to subparagraphs (b)(2) and (b)(3) of this clause shall be paid to all workers performing work in the classification under this contract from the first day on which work is performed in the classification.

(c) Whenever the minimum wage rate prescribed in the contract for a class of laborers or mechanics includes a fringe benefit which is not expressed as an hourly rate, the Contractor shall either pay the benefit as stated in the wage determination or shall pay another bona fide fringe benefit or an hourly cash equivalent thereof.

(d) If the Contractor does not make payments to a trustee or other third person, the Contractor may consider as part of the wages of any laborer or mechanic the amount of any costs reasonably anticipated in providing bona fide fringe benefits under a plan or program; provided, that the Secretary of Labor has found, upon the written requests of the Contractor, that the applicable standards of the Davis-Bacon Act have been met. The Secretary of Labor may require the Contractor to set aside in a separate account assets for the meeting of obligations under the plan or program.

35.2 FAR 52.222-7 WITHHOLDING OF FUNDS (FEB 1988)

The Contracting Officer shall, upon his or her own action or upon written request of an authorized representative of the Department of Labor, withhold or cause to be withheld from the Contractor under this contract or any other Federal contract with the same Prime Contractor, or any other Federally assisted contract subject to Davis-Bacon prevailing wage requirements, which is held by the same Prime Contractor, so much of the accrued payments or advances as may be considered necessary to pay laborers and mechanics, including apprentices, trainees, and helpers, employed by the Contractor or any subcontractor the full amount of wages required by the contract. In the event of failure to pay any laborer or mechanic, including any apprentice, trainee, or helper, employed or working on the site of the work, all or part of the wages required by the contract, the Contracting Officer may, after written notice to the Contractor, take such action as may be necessary to cause the suspension of any further payment, advance, or guarantee of funds until such violations have ceased.

35.3 FAR 52.222-8 PAYROLLS AND BASIC RECORDS (FEB 1988)

(a) Payrolls and basic records relating thereto shall be maintained by the Contractor during the course of the work and preserved for a period of 3 years thereafter for all laborers and mechanics working at the site of the work. Such records shall contain the name, address, and social security number of each such worker, his or her correct classification, hourly rates of wages paid (including rates of contributions or costs anticipated for bona fide fringe benefits or cash equivalents thereof of the types described in section 1(b)(2)(B) of the Davis-Bacon Act), daily and weekly number of hours worked, deductions made, and actual wages paid. Whenever the Secretary of Labor has found, under paragraph (d) of the clause entitled Davis-Bacon Act, that the

wages of any laborer or mechanic include the amount of any costs reasonably anticipated in providing benefits under a plan or program described in section 1(b)(2)(B) of the Davis-Bacon Act, the Contractor shall maintain records which show that the commitment to provide such benefits is enforceable, that the plan or program is financially responsible, and that the plan or program has been communicated in writing to the laborers or mechanics affected, and records which show the costs anticipated or the actual cost incurred in providing such benefits. Contractors employing apprentices or trainees under approved programs shall maintain written evidence of the registration of apprenticeship programs and certification of trainee programs, the registration of the apprentices and trainees, and the ratios and wage rates prescribed in the applicable programs.

(b)(1) The Contractor shall submit weekly for each week in which any contract work is performed a copy of all payrolls to the Contracting Officer. The payrolls submitted shall set out accurately and completely all of the information required to be maintained under paragraph (a) of this clause. This information may be submitted in any form desired. Optional Form WH-347 (Federal Stock Number 029-005-00014-1) is available for this purpose and may be purchased from the Superintendent of Documents, U.S. Government Printing Office, Washington, DC 20402.
The Prime Contractor is responsible for the submission of copies of payrolls by all subcontractors.

(2) Each payroll submitted shall be accompanied by a "Statement of Compliance," signed by the Contractor or subcontractor or his or her agent who pays or supervises the payment of the persons employed under the contract and shall certify–

(i) That the payroll for the payroll period contains the information required to be maintained under paragraph (a) of this clause and that such information is correct and complete;

(ii) That each laborer or mechanic (including each helper, apprentice, and trainee) employed on the contract during the payroll period has been paid the full weekly wages earned, without rebate, either directly or indirectly, and that no deductions have been made either directly or indirectly from the full wages earned, other than permissible deductions as set forth in the Regulations, 29 CFR Part 3; and

(iii) That each laborer or mechanic has been paid not less than the applicable wage rates and fringe benefits or cash equivalents for the classification of work performed, as specified in the applicable wage determination incorporated into the contract.

(3) The weekly submission of a properly executed certification set forth on the reverse side of Optional Form WH-347 shall satisfy the requirement for submission of the "Statement of Compliance" required by subparagraph (b)(2) of this clause.

(4) The falsification of any of the certifications in this clause may subject the Contractor or subcontractor to civil or criminal prosecution under Section 1001 of Title 18 and Section 3729 of Title 31 of the United States Code.

(c) The Contractor or subcontractor shall make the records required under paragraph (a) of this clause available for inspection, copying, or transcription by the Contracting Officer or authorized representatives of the Contracting Officer or the Department of Labor. The Contractor or subcontractor shall permit the Contracting Officer or representatives of the Contracting Officer or the Department of Labor to interview employees during working hours on the job. If the Contractor or subcontractor fails to submit required records or to make them available, the Contracting Officer may, after written notice to the Contractor, take such action as may be necessary to cause the suspension of any further payment. Furthermore, failure to submit the required records upon request or to make such records available may be grounds for debarment action pursuant to 29 CFR 5.12.

35.4 FAR 52.222-9 APPRENTICES AND TRAINEES (FEB 1988)

(a) Apprentices. Apprentices will be permitted to work at less than the predetermined rate for the work they performed when they are employed pursuant to and individually registered in a bona fide apprenticeship program registered with the U.S. Department of Labor, Employment and Training Administration, Bureau of Apprenticeship and Training, or with a State Apprenticeship Agency recognized by the Bureau, or if a person is employed in his or her first 90 days of probationary employment as an apprentice in such an apprenticeship program, who is not individually registered in the program, but who has been certified by the Bureau of Apprenticeship and Training or a State Apprenticeship Agency (where appropriate) to be eligible for probationary employment as an apprentice. The allowable ratio of apprentices to journeymen on the job site in any craft classification shall not be greater than the ratio permitted to the Contractor as to the entire work force under the registered program. Any worker listed on a payroll at an apprentice wage rate, who is not registered or otherwise employed as stated in this paragraph, shall be paid not less than the applicable wage determination for the classification of work actually performed. In addition, any apprentice performing work on the job site in excess of the ratio permitted under the registered program shall be paid not less than the applicable wage rate on the wage determination for the work actually performed. Where a contractor is performing construction on a project in a locality other than that in which its program is registered, the ratios and wage rates (expressed in percentages of the journeyman's hourly rate) specified in the Contractor's or subcontractor's registered program shall be observed. Every apprentice must be paid at not less than the rate specified in the registered program for the apprentice's level of progress, expressed as a percentage of the journeyman hourly rate specified in the applicable wage determination. Apprentices shall be paid fringe benefits in accordance with the provisions of the apprenticeship program. If the apprenticeship program does not specify fringe benefits, apprentices must be paid the full amount of fringe benefits listed on the wage determination for the applicable classification. If the Administrator determines that a different practice prevails for the applicable apprentice classification, fringes shall be paid in accordance with that determination. In the event the Bureau of Apprenticeship and Training, or a State Apprenticeship Agency recognized by the Bureau, withdraws approval of an apprenticeship program, the Contractor will no longer be permitted to utilize apprentices at less than the applicable predetermined rate for the work performed until an acceptable program is approved.

(b) Trainees. Except as provided in 20 CFR 5.16, trainees will not be permitted to work at less than the predetermined rate for the work performed unless they are employed pursuant to and individually registered in a program which has received prior approval, evidenced by formal certification by the U.S. Department of Labor, Employment and Training Administration. The ratio of trainees to journeymen on the job site shall not be greater than permitted under the plan approved by the Employment and Training Administration. Every trainee must be paid at not less than the rate specified in the approved program for the trainee's level of progress, expressed as a percentage of the journeyman hourly rate specified in the applicable wage determination. Trainees shall be paid fringe benefits in accordance with the provisions of the trainee program. If the trainee program does not mention fringe benefits, trainees shall be paid the full amount of fringe benefits listed in the wage determination unless the Administrator of the Wage and Hour Division determines that there is an apprenticeship program associated with the corresponding journeyman wage rate in the wage determination which provides for less than full fringe benefits for apprentices. Any employee listed on the payroll at a trainee rate who is not registered and participating in a training plan approved by the Employment and Training Administration shall be paid not less than the applicable wage rate in the wage determination for the classification of work

actually performed. In addition, any trainee r orming work on the job site in excess of the ratio permitted und e registered program shall be paid not less than the applicable wage rate in the wage determination for the work actually performed. In the event the Employment and Training Administration withdraws approval of a training Administration withdraws approval of a training program, the Contractor will no longer be permitted to utilize trainees at less than the applicable predetermined rate for the work performed until an acceptable program is approved.

(c) Equal employment opportunity. The utilization of apprentices, trainees, and journeymen under this clause shall be in conformity with the equal employment opportunity requirements of Executive Order 11246, as amended, and 29 CFR Part 30.

35.5 FAR 52.222-10 COMPLIANCE WITH COPELAND ACT REQUIREMENTS (FEB 1988)

The Contractor shall comply with the requirements of 29 CFR Part 3, which are hereby incorporated by reference in this contract.

35.6 FAR 52.222-11 SUBCONTRACTS (LABOR STANDARDS) (FEB 1988)

(a) The Contractor or subcontractor shall insert in any subcontracts the clauses entitled Davis-Bacon Act, Contract Work Hours and Safety Standards Act–Overtime Compensation, Apprentices and Trainees, Payrolls and Basic Records, Compliance with Copeland Act Requirements, Withholding of Funds, Subcontracts (Labor Standards), Contract Termination–Debarment, Disputes Concerning Labor Standards, Compliance with Davis-Bacon and Related Act Regulations, and Certification of Eligibility, and such other clauses as the Contracting Officer may, by appropriate instructions, require, and also a clause requiring subcontractors to include these clauses in any lower tier subcontracts. The Prime Contractor shall be responsible for compliance by any subcontractor or lower tier subcontractor with all the contract clauses cited in this paragraph.

(b)(1) Within 14 days after award of the contract, the Contractor shall deliver to the Contracting Officer a completed Statement and Acknowledgement Form (SF 1413) for each subcontract, including the subcontractor's signed and dated acknowledgment that the clauses set forth in paragraph (a) of this clause have been included in the subcontract.

(2) Within 14 days after the award of any subsequently awarded subcontract the Contractor shall deliver to the Contracting Officer an updated completed SF 1413 for such additional subcontract.

35.7 FAR 52.222-12 CONTRACT TERMINATION–DEBARMENT (FEB 1988)

A breach of the contract clauses entitle Davis-Bacon Act, Contract Work Hours and Safety Standards Act–Overtime Compensation, Apprentices and Trainees, Payrolls and Basic Records, Compliance with Copeland Act Requirements, Subcontracts (Labor Standards), Compliance with Davis-Bacon and Related Act Regulations, or Certification of Eligibility may be grounds for termination of the contract, and for debarment as a Contractor and subcontractor as provided in 29 CFR 5.12.

35.8 FAR 52.222-13 COMPLIANCE WITH DAVIS-BACON AND RELATED ACT REGULATIONS (FEB 1988)

All rulings and interpretations of the Davis-Bacon and Related Acts contained in 29 CFR Parts 1, 3, and 5 are hereby incorporated by reference in this contract.

35.9 FAR 52.222-14 DISPUTES CONCERNING LABOR STANDARDS (FEB 1988)

The United States Department of Labor has set forth in 29 CFR Parts 5, 6, and 7 procedures for resolving disputes concerning labor standards requirements. Such disputes shall be resolved in accordance with those procedures and not the Disputes clause of this contract. Disputes wit the meaning of this clause include disputes between the Con or (or any of its subcontractors) and the contracting agency, the U.S. Department of Labor, or the employees or their representatives.

35.10 FAR 52.222-15 CERTIFICATION OF ELIGIBILITY (FEB 1988)

(a) By entering into this contract, the Contractor certifies that neither it (nor he or she) nor any person or firm who has an interest in the Contractor's firm is a person or firm ineligible to be awarded Government contracts by virtue of section 3(a) of the Davis-Bacon Act or 29 CFR 5.12(a)(1).

(b) No part of this contract shall be subcontracted to any person or firm ineligible for award of a Government contract by virtue of section 3(a) of the Davis-Bacon Act or 29 CFR 5.12(a)(1).

(c) The penalty for making false statements is prescribed in the U.S. Criminal Code, 18 U.S.C. 1001.

36. FAR 52.222-26 EQUAL OPPORTUNITY (APR 1984)

(a) If, during any 12-month period (including the 12 months preceding the award of this contract), the Contractor has been or is awarded nonexempt Federal contracts and/or subcontracts that have an aggregate value in excess of $10,000, the Contractor shall comply with subparagraphs (b)(1) through (11) below. Upon request, the Contractor shall provide information necessary to determine the applicability of this clause.

(b) During performing this contract, the Contractor agrees as follows:

(1) The Contractor shall not discriminate against any employee or applicant for employment because of race, color, religion, sex, or national origin.

(2) The Contractor shall take affirmative action to ensure that applicants are employed, and that employees are treated during employment, without regard to their race, color, religion, sex, or national origin. This shall include, but not be limited to, (i) employment, (ii) upgrading, (iii) demotion, (iv) transfer, (v) recruitment or recruitment advertising, (vi) layoff or termination, (vii) rates of pay or other forms of compensation, and (viii) selection for training, including apprenticeship.

(3) The Contractor shall post in conspicuous places available to employees and applicants for employment the notices to be provided by the Contracting Officer that explain this clause.

(4) The Contractor shall, in all solicitations or advertisements for employees placed by or on behalf of the Contractor, state that all qualified applicants will receive consideration for employment without regard to race, color, religion, sex, or national origin.

(5) The Contractor shall send, to each labor union or representative of workers with which it has a collective bargaining agreement or other contract or understanding, the notice to be provided by the Contracting Officer advising the labor union or workers' representative of the Contractor's commitments under this clause, and post copies of the notice in conspicuous places available to employees and applicants for employment.

(6) The Contractor shall comply with Executive Order 11246, as amended, and the rules, regulations, and orders of the Secretary of Labor.

(7) The Contractor shall furnish to the contracting agency all information required by Executive Order 11246, as amended, and by the rules, regulations, and orders of the Secretary of Labor. Standard Form 100 (EEO-1), or any successor form, is the prescribed form to be filed within 30 days following the award, unless filed within 12 months preceding the date of award.

(8) The Contractor shall permit access to its books, records, and accounts by the contracting agency or the Office of Federal Contract Compliance Programs (OFCCP) for the purposes of investigation to ascertain the Contractor's compliance with the applicable rules, regulations, and orders.

(9) If the OFCCP determines that the Contractor is not in compliance with this clause or any rule, lation, or order of the Secretary of Labor, this contract may be canceled, terminated, or suspended in whole or in part and the Contractor may be declared ineligible for further Government contracts, under the procedures authorized in Executive Order 11246, as amended. In addition, sanctions may be imposed and remedies invoked against the Contractor as provided in Executive Order 11246, as amended, the rules, regulations, and orders of the Secretary of Labor, or as otherwise provided by law.

(10) The Contractor shall include the terms and conditions of subparagraph (b)(1) through (11) of this clause in every subcontract or purchase order that is not exempted by the rules, regulations, or orders of the Secretary of Labor issued under Executive Order 11246, as amended, so that these terms and conditions will be binding upon each subcontractor or vendor.

(11) The Contractor shall take such action with respect to any subcontract or purchase order as the contracting agency may direct as a means of enforcing these terms and conditions, including sanctions for noncompliance; provided, that if the Contractor becomes involved in, or is threatened with, litigation with a subcontractor or vendor as a result of any direction, the Contractor may request the United States to enter into the litigation to protect the interests of the United States.

(c) Notwithstanding any other clause in this contract, disputes relative to this clause will be governed by the procedures in 41 CFR 60-1.1.

37. FAR 52.222-27 AFFIRMATIVE ACTION COMPLIANCE REQUIREMENTS FOR CONSTRUCTION (APR 1984)

(a) Definitions.

"Covered area," as used in this clause, means the geographical area described in the solicitation for this contract.

"Director," as used in this clause, means Director, Office of Federal Contract Compliance Programs (OFCCP), United States Department of Labor, or any person to whom the Director delegates authority.

"Employer identification number," as used in this clause, means the Federal Social Security number used on the employer's quarterly federal tax return, U.S. Treasury Department Form 941.

"Minority," as used in this clause means–

(1) American Indian or Alaskan Native (all persons having origins in any of the original peoples of North America and maintaining identifiable tribal affiliations through membership and participation or community identification).

(2) Asian and Pacific Islander (all persons having origins in any of the original peoples of the Far East, Southeast Asia, the Indian Subcontinent, or the Pacific Islands); and

(3) Black (all persons having origins in any of the black African racial groups not of Hispanic origin);

(4) Hispanic (all persons of Mexican, Puerto Rican, Cuban, Central or South American, or other Spanish culture or origin, regardless of race);

(b) If the Contractor, or a subcontractor at any tier, subcontracts a portion of the work involving any construction trade, each such subcontract in excess of $10,000 shall include this clause and the Notice containing the goals for minority and female participation stated in the solicitation for this contract.

(c) If the Contractor is participating in a Hometown Plan (41 CFR 60-4) approved by the U.S. Department of Labor in a covered area, either individually or through an association, its affirmative action obligations on all work in the plan area (including goals) shall comply with the plan for those trades that have unions participating in the plan. Contractors must be able to demonstrate participation in, and compliance with, the provisions of the plan. Each Contractor or subcontractor participating in an approved plan is also required to comply with its obligations under the Equal Opportunity clause, and to make a good faith effort to achieve each goal under the plan in each trade in which it has employees. The overall good-faith performance by other Contractors or subcontractors toward al in an approved plan does not excuse any Contractor's or subcontractor's failure to make good-faith efforts to achieve the plan's goals.

(d) The Contractor shall implement the affirmative action procedures in subparagraphs (g)(1) through (16) of this clause. The goals stated in the solicitation for this contract are expressed as percentages of the total hours of employment and training of minority and female utilization that the Contractor should reasonably be able to achieve in each construction trade in which it has employees in the covered area. If the Contractor performs construction work in a geographical area located outside of the covered area, it shall apply the goals established for the geographical area where that work is actually performed. The Contractor is expected to make substantially uniform progress toward its goals in each craft.

(e) Neither the terms and conditions of any collective bargaining agreement, nor the failure by a union with which the Contractor has a collective bargaining agreement, to refer minorities or women shall excuse the Contractor's obligations under this clause, Executive Order 11246, as amended, or the regulations thereunder.

(f) In order for the nonworking training hours of apprentices and trainees to be counted in meeting the goals, apprentices and trainees must be employed by the Contractor during the training period, and the Contractor must have made a commitment to employ the apprentices and trainees at the completion of their training, subject to the availability of employment opportunities. Trainees must be trained pursuant to training programs approved by the U.S Department of Labor.

(g) The Contractor shall take affirmative action to ensure equal employment opportunity. The evaluation of the Contractor's compliance with this clause shall be based upon its effort to achieve maximum results from its actions. The Contractor shall document these efforts fully and implement affirmative action steps at least as extensive as the following:

(1) Ensure a working environment free of harassment, intimidation, and coercion at all sites and in all facilities where the Contractor's employees are assigned to work. The Contractor, if possible, will assign two or more women to each construction project. The Contractor shall ensure that foremen, superintendents, and other onsite supervisory personnel are aware of and carry out the Contractor's obligation to maintain such a working environment, with specific attention to minority and female individuals working at these sites or facilities.

(2) Establish and maintain a current list of sources for minority and female recruitment. Provide written notification to minority and female recruitment sources and community organizations when the Contractor or its unions have employment opportunities available, and maintain a record of the organizations' responses.

(3) Establish and maintain a current file of the names, addresses, and telephone numbers of each minority and female off the street applicant, referrals of minorities or females from unions, recruitment sources, or community organizations and the action taken with respect to each individual. If an individual was sent to the union hiring hall for referral and not referred back to the Contractor by the union or, if referred back, not employed by the Contractor, this shall be documented in the file, along with whatever additional actions the Contractor may have taken.

(4) Immediately notify the Director when the union or unions with which the Contractor has a collective bargaining agreement has not referred back to the Contractor a minority or woman sent by the Contractor, or when the Contractor has other information that the union referral process has impeded the Contractor's efforts to meet its obligations.

(5) Develop on-the-job training opportunities and/or participate in training programs for the area that expressly include minorities and women, including upgrading programs and apprenticeship and trainee programs relevant to the Contractor's

employment needs, especially those progra' 'unded or approved by the Department of Labor. The Contracto. all provide notice of these programs to the sources complied under subparagraph (g)(2) above.

(6) Disseminate the Contractor's equal employment policy by–

(i) Providing notice of the policy to unions and to training, recruitment, and outreach programs, and requesting their cooperation in assisting the Contractor in meeting its contract obligations;

(ii) Including the policy in any policy manual and in collective bargaining agreements;

(iii) Publicizing the policy in the company newspaper, annual report, etc.;

(iv) Reviewing the policy with all management personnel and with all minority and female employees at least once a year; and

(v) Posting the policy on bulletin boards accessible to employees at each location where construction work is performed.

(7) Review, at least annually, the Contractor's equal employment policy and affirmative action obligations with all employees having responsibility for hiring, assignment, layoff, termination, or other employment decisions. Conduct review of this policy with all onsite supervisory personnel before initiating construction work at a job site. A written record shall be made and maintained identifying the time and place of these meetings, persons attending, subject matter discussed, and disposition of the subject matter.

(8) Disseminate the Contractor's equal employment policy externally by including it in any advertising in the news media, specifically including minority and female news media. Provide written notification to, and discuss this policy with, other Contractors and subcontractors with which the Contractor does or anticipates doing business.

(9) Direct recruitment efforts, both oral and written, to minority, female, and community organizations, to schools with minority and female students, and to minority and female recruitment and training organizations serving the Contractor's recruitment area and employment needs.Not later than 1 month before the date for acceptance of applications for apprenticeship or training by any recruitment source, send written notification to organizations such as the above, describing the openings, screening procedures, and tests to be used in the selection process.

(10) Encourage present minority and female employees to recruit minority persons and women. Where reasonable, provide after-school, summer, and vacation employment to minority and female youth both on site and in other areas of the Contractor's workforce.

(11) Validate all tests and other selection requirements where required under 41 CFR 60-3.

(12) Conduct, at least annually, an inventory and evaluation at least of all minority and female personnel for promotional opportunities. Encourage these employees to seek or to prepare for, through appropriate training, etc., opportunities for promotion.

(13) Ensure that seniority practices job classifications, work assignments, and other personnel practices do not have a discriminatory effect by continually monitoring all personnel and employment related activities to ensure that the Contractor's obligations under this contract are being carried out.

(14) Ensure that all facilities and company activities are non-segregated except that separate or single-user toilet and necessary changing facilities shall be provided to assure privacy between the sexes.

(15) Maintain a record of solicitations for subcontracts for minority and female construction contractors and suppliers, including circulation of solicitations to minority and female contractor associations and other business associations.

(16) Conduct a revi' at least annually, of all supervisors' adherence to and perform. , under the Contractor's equal employment policy and affirmative action obligations.

(h) The Contractor is encouraged to participate in voluntary associations that may assist in fulfilling one or more of the affirmative action obligations contained in subparagraphs (g)(1) through (16). The efforts of a contractor association, joint contractor union, contractor community, or similar group of which the contractor is a member and participant may be asserted as fulfilling one or more of its obligations under subparagraphs (g)(1) through (16), provided the Contractor–

(1) Actively participates in the group;

(2) Makes every effort to ensure that group has a positive impact on the employment of minorities and women in the industry;

(3) Ensures that concrete benefits of the program are reflected in the Contractor's minority and female workforce participation;

(4) Makes a good-faith effort to meet its individual goals and time-tables; and

(5) Can provide access to documentation that demonstrates the effectiveness of actions taken on behalf of the Contractor. The obligation to comply is the Contractor's, and failure of such a group to fulfill an obligation shall not be a defense for the Contractor's noncompliance.

(i) A single goal for minorities and a separate single goal for women shall be established. The Contractor is required to provide equal employment opportunity and to take affirmative action for all minority groups, both male and female, and all women, both minority and nonminority. Consequently, the Contractor may be in violation of Executive Order 11246, as amended, if a particular group is employed in a substantially disparate manner.

(j) The Contractor shall not use goals or affirmative action standards to discriminate against any person because of race, color, religion, sex, or national origin.

(k) The Contractor shall not enter into any subcontract with any person or firm debarred from Government contracts under Executive Order 11246, as amended.

(l) The Contractor shall carry out such sanctions and penalties for violation of this clause and of the Equal Opportunity clause, including suspension, termination, and cancellation of existing subcontracts, as may be imposed or ordered under Executive Order 11246, as amended, and its implementing regulations, by the OFCCP. Any failure to carry out these sanctions and penalties as ordered shall be a violation of this clause and Executive Order 11246, as amended.

(m) The Contractor in fulfilling its obligation under this clause shall implement affirmative action procedures at least at extensive as those prescribed in paragraph (g) above, so as to achieve maximum results from its efforts to ensure equal employment opportunity. If the Contractor fails to comply with the requirements of Executive Order 11246, as amended, the implementing regulations, or this clause, the Director shall take action as prescribed in 41 CFR 60-4.8.

(n) The Contractor shall designate a responsible official to–

(1) Monitor all employment-related activity to ensure that the Contractor's equal employment policy is being carried out;

(2) Submit reports as may be required by the Government; and

(3) Keep records that shall at least include for each employee the name, address, telephone number, construction trade, union affiliation (if any), employee identification number, social security number, race, sex, status (e.g., mechanic, apprentice, trainee, helper, or laborer), dates of changes in status, hours worked per week in the indicated trade, rate of pay, and locations at which the work was performed. Records shall be maintained in an easily understandable and retrievable form; however, to the degree that existing records satisfy this requirement, separate records are not required to be maintained.

(o) Nothing contained herein shall be constructed as a limitation upon the application of other laws that e ish different standards of compliance or upon the requirements to the hiring of local or other area residents (e.g., those under the Public Works Employment Act of 1977 and the Community Development Block Grant Program).

38. FAR 52.222-35 AFFIRMATIVE ACTION FOR SPECIAL DISABLED AND VIETNAM ERA VETERANS (APR 1984)

(a) Definitions. "Appropriate office of the State employment service system," as used in this clause, means the local office of the Federal-State national system of public employment offices assigned to serve the area where the employment opening is to be filled, including the District of Columbia, Guam, Puerto Rico, Virgin Islands, American Samoa, and the Trust Territory of the Pacific Islands.

"Openings that the Contractor proposes to fill from within its own organization," as used in this clause, means employment openings for which no one outside the Contractor's organization (including any affiliates, subsidiaries, and the parent companies) will be considered and includes any openings that the Contractor proposes to fill from regularly established "recall" lists.

"Openings that the Contractor proposes to fill under a customary and traditional employer-union hiring arrangement," as used in this clause, means employment openings that the Contractor proposes to fill from union halls, under their customary and traditional employer-union hiring relationship.

"Suitable employment openings," as used in this clause–

(1) Includes, but is not limited to, openings that occur in jobs categorized as–

(i) Production and nonproduction;
(ii) Plant and office;
(iii) Laborers and mechanics;
(iv) Supervisory and nonsupervisory;
(v) Technical; and
(vi) Executive, administrative, and professional positions compensated on a salary basis of less than $25,000 a year; and

(2) Includes full-time employment, temporary employment of over 3 days, and part-time employment, but not openings that the Contractor proposes to fill from within its own organization or under a customary and traditional employer-union hiring arrangement, nor openings in an educational institution that are restricted to students of that institution.

(b) General.

(1) Regarding any position for which the employee or applicant for employment is qualified, the Contractor shall not discriminate against the individual because the individual is a special disabled or Vietnam Era veteran. The Contractor agrees to take affirmative action to employ, advance in employment, and otherwise treat qualified special disabled and Vietnam Era veterans without discrimination based upon their disability or veterans' status in all employment practices such as–

(i) Employment;
(ii) Upgrading;
(iii) Demotion or transfer;
(iv) Recruitment;
(v) Advertising;
(vi) Layoff or termination;
(vii) Rates of pay or other forms of compensation; and
(viii) Selection for training, including apprenticeship.

(2) The Contractor agrees to comply with the rules, regulations, and relevant orders of the Secretary of Labor (Secretary) issued under the Vietnam Era Veterans' Readjustment Assistance Act of 1972 (the Act), as amended.

(c) Listing openings.

(1) The Contractor agrees to list all suitable employment openings existing at contract award or occurring during contract performance, at an appropriate office of the State employment service system in the locality where the opening occurs. These openings include those occurring at any Contractor facility, including one not conn d with performing this contract. An independent corporate affiliate is exempt from this requirement.

(2) State and local government agencies holding Federal contracts of $10,000 or more shall also list all their suitable openings with the appropriate office of the State employment service.

(3) The listing of suitable employment openings with the State employment service system is required at least concurrently with using any other recruitment source or effort and involves the obligations of placing a bona fide job order, including accepting referrals of veterans and nonveterans. This listing does not require hiring any particular job applicant or hiring from any particular group of job applicants and is not intended to relieve the Contractor from any requirements of Executive orders or regulations concerning nondiscrimination in employment.

(4) Whenever the Contractor becomes contractually bound to the listing terms of this clause, it shall advise the State employment service system, in each State where it has establishments, of the name and location of each hiring location in the State. As long as the Contractor is contractually bound to these terms and has so advised the State system, it need not advise the State system of subsequent contracts. The Contractor may advise the State system when it is no longer bound by this contract clause.

(5) Under the most compelling circumstances, an employment opening may not be suitable for listing, including situations when (i) the Government's needs cannot reasonably be supplied, (ii) listing would be contrary to national security, or (iii) the requirement of listing would not be in the Government's interest.

(d) Applicability.

(1) This clause does not apply to the listing of employment openings which occur and are filled outside the 50 states, the District of Columbia, Puerto Rico, Guam, Virgin Islands, American Samoa, and the Trust Territory of the Pacific Islands.

(2) The terms of paragraph (c) above of this clause do not apply to openings that the Contractor proposes to fill from within its own organization or under a customary and traditional employer-union hiring arrangement. This exclusion does not apply to a particular opening once an employer decides to consider applicants outside of its own organization or employer-union arrangement for that opening.

(e) Postings.

(1) The Contractor agrees to post employment notices stating (i) the Contractor's obligation under the law to take affirmative action to employ and advance in employment qualified special disabled veterans and veterans of the Vietnam era, and (ii) the rights of applicants and employees.

(2) These notices shall be posted in conspicuous places that are available to employees and applicants for employment. They shall be in a form prescribed by the Director, Office of Federal Contract Compliance Programs, Department of Labor (Director), and provided by or through the Contracting Officer.

(3) The Contractor shall notify each labor union or representative of workers with which it has a collective bargaining agreement or other contract understanding, that the Contractor is bound by the terms of the Act, and is committed to take affirmative action to employ, and advance in employment, qualified special disabled and Vietnam Era veterans.

(f) Noncompliance.

If the Contractor does not comply with the requirements of this clause, appropriate actions may be taken under the rules, regulations, and relevant orders of the Secretary issued pursuant to the Act.

(g) Subcontracts.

The Contractor shall include the terms of this clause in every subcontract or purchase order of $10,000 or more unless exempted by rules, regulations, or orders of the Secretary. The Contractor

shall act as specified by the Director to enfr the terms, including action for noncompliance.

39. FAR 52.222-36 AFFIRMATIVE ACTION FOR HANDICAPPED WORKERS (APR 1984)

(a) General. (1) Regarding any position for which the employee or applicant for employment is qualified, the Contractor shall not discriminate against any employee or applicant because of physical or mental handicap. The Contractor agrees to take affirmative action to employ, advance in employment, and otherwise treat qualified handicapped individuals without discrimination based upon their physical or mental handicap in all employment practices such as–

(i) Employment;
(ii) Upgrading;
(iii) Demotion or transfer;
(iv) Recruitment;
(v) Advertising;
(vi) Layoff or termination;
(vii) Rates of pay or other forms of compensation; and
(viii) Selection for training, including apprenticeship.

(2) The Contractor agrees to comply with the rules, regulations, and relevant orders of the Secretary of Labor (Secretary) issued under the Rehabilitation Act of 1973 (29 U.S.C. 793) (the Act), as amended.

(b) Postings. (1) The Contractor agrees to post employment notices stating (i) the Contractor's obligation under the law to take affirmative action to employ and advance in employment qualified handicapped individuals and (ii) the rights of applicants and employees.

(2) These notices shall be posted in conspicuous places that are available to employees and applicants for employment. They shall be in a form prescribed by the Director, Office of Federal Contract Compliance Programs, Department of Labor (Director), and provided by or through the Contracting Officer.

(3) The Contractor shall notify each labor union or representative of workers with which it has a collective bargaining agreement or other contract understanding, that the Contractor is bound by the terms of Section 503 of the Act and is committed to take affirmative action to employ, and advance in employment, qualified physically and mentally handicapped individuals.

(c) Noncompliance. If the Contractor does not comply with the requirements of this clause, appropriate actions may be taken under the rules, regulations, and relevant orders of the Secretary issued pursuant to the Act.

(d) Subcontracts. The Contractor shall include the terms of this clause in every subcontract or purchase order in excess of $2,500 unless exempted by rules, regulations, or orders of the Secretary. The Contractor shall act as specified by the Director to enforce the terms, including action for noncompliance.

40. FAR 52.222-37 EMPLOYMENT REPORTS ON SPECIAL DISABLED VETERANS AND VETERANS OF THE VIETNAM ERA (JAN 1988)

(a) The contractor shall report at least annually, as required by the Secretary of Labor, on:

(1) The number of special disabled veterans and the number of veterans of the Vietnam era in the workforce of the contractor by job category and hiring location; and

(2) The total number of new employees hired during the period covered by the report, and of that total, the number of special disabled veterans, and the number of veterans of the Vietnam era.

(b) The above items shall be reported by completing the form entitled "Federal Contractor Veterans' Employment Report VETS-100."

(c) Reports shall be submitted no later than March 31 of each year beginning March 31, 1988.

(d) The employment activity report required by paragraph (a)(2) of this clause shall reflect hires during the most recent 12-month period as of the ending date selected for the employment profile report required by paragraph (a)(1) of this clause. Contractors may select an ending date: (1) As of the end of any pay period during the period January through March 1st of the year the report is due, or (2) as of December 31, if the contractor has previous written approval from the Equal Employment Opportunity Commission to do so for purposes of submitting the Employer Information Report EEO-1 (Standard Form 100).

(e) The count of veterans reported according to paragraph (a) of this clause shall be based on voluntary disclosure. Each contractor subject to the reporting requirements at 38 U.S.C. 2012(d) shall invite all special disabled veterans and veterans of the Vietnam era who wish to benefit under the affirmative action program at 38 U.S.C. 2012 to identify themselves to the contractor. The invitation shall state that the information is voluntarily provided, that the information will be kept confidential, that disclosure or refusal to provide the information will not subject the applicant or employee to any adverse treatment and that the information will be used only in accordance with the regulations promulgated under 38 U.S.C. 2012.

(f) Subcontracts. The Contractor shall include the terms of this clause in every subcontract or purchase order of $10,000 or more unless exempted by rules, regulations, or orders of the Secretary.

41. FAR 52.223-2 CLEAN AIR AND WATER (APR 1984)

NOTE: This clause applies to this contract only if the price is (a) in excess of $100,000; (b) a facility to be used has been the subject of a conviction under the applicable portion of the Air Act (42 U.S.C. 7413(c)(1)) on the Water Act (33 U.S.C. 1319(c)) and is listed by EPA as a violating facility; or (c) the acquisition is not exempt under FAR 23.104.

(a) "Air Act," as used in this clause, means the Clean Air Act (42 U.S.C. 7401 et seq.).

"Clean air standards," as used in this clause, means–

(1) Any enforceable rules, regulations, guidelines, standards, limitations, orders, controls, prohibitions, work practices, or other requirements contained in, issued under, or otherwise adopted under the Air Act or Executive Order 11738;

(2) An applicable implementation plan as described in section 110(d) of the Air Act (42 U.S.C. 7410(d));

(3) An approved implementation procedure or plan under section 111(c) or section 111(d) of the Air Act (42 U.S.C. 7411(c) or (d)); or

(4) An approved implementation procedure under section 112(d) of the Air Act (42 U.S.C. 7412(d)).

"Clean water standards," as used in this clause, means any enforceable limitation, control, condition, prohibition, standard, or other requirement promulgated under the Water Act or contained in a permit issued to a discharger by the Environmental Protection Agency or by a State under an approved program, as authorized by section 402 of the Water Act (33 U.S.C. 1342), or by local government to ensure compliance with pretreatment regulations as required by section 307 of the Water Act (33 U.S.C. 1317).

"Compliance," as used in this clause, means compliance with–

(1) Clean air or water standards; or

(2) A schedule or plan ordered or approved by a court of competent jurisdiction, the Environmental Protection Agency, or an air or water pollution control agency under the requirements of the Air Act or Water Act and related regulations.

"Facility," as used in this clause, means any building, plant, installation, structure, mine, vessel or other floating craft, location, or site of operations, owned, leased, or supervised by a Contractor or subcontractor, used in the performance of a contract or subcontract. When a location or site of operations includes more than one building, plant, installation, or structure, the entire location or site shall be deemed a facility except when the Administrator, or

a designee, of the Environmental Protecti Agency, determines that independent facilities are collocated e geographical area.

"Water Act," as used in this clause, means Clean Water Act (33 U.S.C. 1251 et seq.).

(b) The Contractor agrees–

(1) To comply with all the requirements of section 114 of the Clean Air Act (42 U.S.C. 7414) and section 308 of the Clean Water Act (33 U.S.C. 1318) relating to inspection, monitoring, entry, reports, and information, as well as other requirements specified in section 114 and section 308 of the Air Act and the Water Act, and all regulations and guidelines issued to implement those acts before the award of this contract;

(2) That no portion of the work required by this prime contract will be performed in a facility listed on the Environmental Protection Agency List of Violating Facilities on the date when this contract was awarded unless and until the EPA eliminates the name of the facility from the listing;

(3) To use best efforts to comply with clean air standards and clean water standards at the facility in which the contract is being performed; and

(4) To insert the substance of this clause into any nonexempt subcontract, including this subparagraph (b)(4).

42. FAR 52.223-6 DRUG-FREE WORKPLACE (JUL 1990)

(a) Definitions. As used in this clause,

"Controlled substance" means a controlled substance in schedules I through V of section 202 of the Controlled Substances Act (21 U.S.C. 812) and as further defined in regulation at 21 CFR 1308.11-1308.15.

"Conviction" means a finding of guilt (including a plea of nolo contendere) or imposition of sentence, or both, by any judicial body charged with the responsibility to determine violations of the Federal or State criminal drug statutes.

"Criminal drug statute" means a Federal or non-Federal criminal statute involving the manufacture, distribution, dispensing, possession or use of any controlled substance.

"Drug-free workplace" means the site(s) for the performance of work done by the Contractor in connection with a specific contract at which employees of the contractor are prohibited from engaging in the unlawful manufacture, distribution, dispensing, possession, or use of a controlled substance.

"Employee" means an employee of a contractor directly engaged in the performance of work under a Government contract.

"Directly engaged" is defined to include all direct cost employees and any other Contractor employee who has other than a minimal impact or involvement in contract performance.

(b) The Contractor, if other than an individual, shall–within 30 calendar days after award (unless a longer period is agreed to in writing for contracts of 30 calendar days or more performance duration); or as soon as possible for contracts of less than 30 days performance duration–

(1) Publish a statement notifying its employees that the unlawful manufacture, distribution, dispensing, possession, or use of a controlled substance is prohibited in the contractor's workplace and specifying the actions that will be taken against employees for violations of such prohibition;

(2) Establish an ongoing drug-free awareness program to inform such employees about–

(i) The dangers of drug abuse in the workplace;

(ii) The contractor's policy of maintaining a drug-free workplace;

(iii) Any available drug counseling, rehabilitation, and employee assistance programs; and

(iv) The penalties that may be imposed upon employees for drug abuse violations occurring in the workplace.

(3) Provide all employees engaged in performance of the contract with a copy of the statement required by subparagraph (b)(1) of this clause;

(4) Notify such e 'oyees in writing in the statement required by subparagra)(1) of this clause that, as a condition of continued employment on this contract, the employee will–

(i) Abide by the terms of the statement; and

(ii) Notify the employer in writing of the employees conviction under a criminal drug statute for a violation occurring in the workplace no later than five (5) days after such conviction.

(5) Notify the contracting officer in writing within 10 calendar days after receiving notice under subdivision (b)(4)(ii) of this clause, from an employee or otherwise receiving actual notice of such conviction. The notice shall include the position title of the employee;

(6) Within 30 days after receiving notice under subdivision (b)(4)(ii) of this clause of a conviction, take one of the following actions with respect to any employee who is convicted of a drug abuse violation occurring in the workplace:

(i) Taking appropriate personnel action against such employee, up to and including termination; or

(ii) Require such employee to satisfactorily participate in a drug abuse assistance or rehabilitation program approved for such purposes by a Federal, State, or local health, law enforcement, or other appropriate agency.

(7) Make a good faith effort to maintain a drug-free workplace through implementation of subparagraphs (b) (1) though (b) (6) of this clause.

(c) The Contractor, if an individual, agrees by award of the contract or acceptance of a purchase order, not to engage in the unlawful manufacture, distribution, dispensing, possession, or use of a controlled substance in the performance of this contract.

(d) In addition to other remedies available to the Government, the Contractor's failure to comply with the requirements of paragraphs (b) and (c) of this clause may, pursuant to FAR 23.506, render the contractor subject to suspension of contract payments, termination of the contract for default, and suspension or debarment.

43. FAR 52.225-5 BUY AMERICAN ACT – CONSTRUCTION MATERIALS (MAY 1992)

(a) The Buy American Act (41 U.S.C. 10) provides that the Government give preference to domestic construction material.

"Components," as used in this clause, means those articles, materials, and supplies incorporated directly into construction materials.

"Construction materials," as used in this clause, means an article, material, or supply brought to the construction site for incorporation into the building or work. Construction material also includes an item brought to the site pre-assembled from articles, materials or supplies. However, emergency life safety systems, such as emergency lighting, fire alarm, and audio evacuation systems, which are discrete systems incorporated into a public building or work and which are produced as a complete system, shall be evaluated as a single and distinct construction material regardless of when or how the individual parts or components of such systems are delivered to the construction site.

"Domestic construction material," as used in this clause, means (1) an unmanufactured construction material minded or produced in the United States, or (2) a construction material manufactured in the United States, if the cost of its components mined, produced, or manufactured in the United States exceeds 50 percent of the cost of all its components. Components of foreign origin of the same class or kind as the construction material determined to be unavailable pursuant to subparagraph 25.202(a)(3) of the Federal Acquisition Regulation (FAR) shall be treated as domestic.

(b) The Contractor agrees that only domestic construction material will be used by the Contractor, subcontractors, material men, and suppliers in the performance of this contract, except for foreign construction materials, if any, listed in this contract.

(The foregoing requirements are admin ed in accordance with Executive Order No. 10582, date Dece er 17, 1954, as amended, and Subpart 25.2 of the FAR.)

44. FAR 52.225-11 RESTRICTIONS ON CERTAIN FOREIGN PURCHASES (MAY 1992)

(a) Unless advance written approval of the Contracting Officer is obtained, the Contractor shall not acquire for use in the performance of this contract–

(1) Any supplies or services originating from sources within the communist areas of North Korea, Vietnam, Cambodia, or Cuba;

(2) Any supplies that are or were located in or transported from or through North Korea, Vietnam, Cambodia, or Cuba; or

(3) Arms, ammunition, or military vehicles produced in South Africa, or manufacturing data for such articles.

(b) The Contractor shall not acquire for use in the performance of this contract supplies or services originating from sources within Iraq, any supplies that are or were located in or transported from or through Iraq, or any supplies or services from entities controlled by the Government of Iraq.

(c) The Contractor agrees to insert the provisions of this clause, including this paragraph (c), in all subcontracts hereunder.

45. FAR 52.225-15 BUY AMERICAN ACT–CONSTRUCTION MATERIALS UNDER EUROPEAN COMMUNITY AGREEMENT (MAY 1993) [APPLICABLE TO CONSTRUCTION CONTRACTS OF $6,500,000 OR GREATER]

(a) Definitions. As used in this clause–

"Components" means those articles, materials, and supplies incorporated directly into construction materials.

"Construction material" means an article, material, or supply brought to the construction site for incorporation into the building or work. Construction material also includes an item brought to the site pre-assembled from articles, materials, or supplies. However, emergency life safety systems, such as emergency lighting, fire alarm, and audio evacuation systems, which are discrete systems incorporated into a public building or work and which are produced as a complete system, shall be evaluated as a single and distinct construction material regardless of when or how the individual parts or components of such systems are delivered to the construction site.

"Domestic construction material" means (1) an unmanufactured construction material mined or produced in the United States, or (2) a construction material manufactured in the United States, if the cost of its components mined, produced, or manufactured in the United States exceeds 50 percent of the cost of all its components. Components of foreign origin of the same class or kind as the construction materials determined to be unavailable pursuant to subparagraph 25.202(a)(3) of the Federal Acquisition Regulation (FAR) shall be related as domestic.

"European Community (EC) construction material" means a construction material that (a) is wholly the growth, product, or manufacture of an EC country or (b) in the case of a construction material which consists in whole or in part of materials from another country or instrumentality, has been substantially transformed in an EC country into a new and different construction material distinct from the materials from which it was transformed.

"EC country" means Belgium, Denmark, Federal Republic of Germany, France, Greece, Ireland, Italy, Luxembourg, the Netherlands, Portugal, Spain, and the United Kingdom.

(b) The Buy American Act (41 U.S.C. 10) provides that the Government give preference to domestic material. In addition, the Memorandum of Understanding between the United States of America and the European Economic Community on Government Procurement provides that EC construction materials are exempted from application of the Buy American Act.

(c) The Contractor ac s that only domestic construction materials or EC construct. .naterials will be used by the Contractor, subcontractors, material men and suppliers in the performance of this contract, except for other foreign construction materials, if any, listed in this contract.

(The foregoing requirements are administered in accordance with Executive Order No. 10582, dated December 17, 1954, as amended, and Subpart 25.1 of the Federal Acquisition Regulation and Executive Order No. 12849.)

46. FAR 52.225-18 EUROPEAN COMMUNITY SANCTIONS FOR END PRODUCTS (MAY 1993) [APPLICABLE TO POWER MARKETING ADMINISTRATION AWARDS LESS THAN $450,000 AND OTHER AWARDS LESS THAN $176,000]

(a) Definitions. As used in this clause–

"Sanctioned European Community end product" means an article that (1) is wholly the growth, product or manufacture of a sanctioned member state of the EC, or (2) in the case of an article which consists in whole or in part of materials from another country or instrumentally, has been substantially transformed in a sanctioned EC country into a new and different article of commerce with a name, character or use distinct from that from which it was so transformed. The term includes services (except transportation services) incidental to its supply; provided, that the value of these incidental services does not exceed that of the product itself. It does not include service contracts as such.

"Sanctioned member state of the EC" is any of the following countries: Belgium, Denmark, Federal Republic of Germany, France, Ireland, Italy, Luxembourg, the Netherlands, and the United Kingdom.

(b) Agreement. The Contractor agrees that no sanctioned EC end products will be delivered under this contract.

47. FAR 52.228-2 ADDITIONAL BOND SECURITY (APR 1984)

The Contractor shall promptly furnish additional security required to protect the Government and persons supplying labor or materials under this contract if-

(a) Any surety upon any bond furnished with this contract becomes unacceptable to the Government;

(b) Any surety fails to furnish reports on its financial condition as required by the Government; or

(c) The contract price is increased so that the penal sum of any bond becomes inadequate in the opinion of the Contracting Officer.

48. FAR 52.228-5 INSURANCE-WORK ON A GOVERNMENT INSTALLATION (SEP 1989)

NOTE: This clause applies to this contract if any work contemplated by this contract is performed on a Federal Government installation.

(a) The Contractor shall, at its own expense, provide and maintain during the entire performance period of this contract at least the kinds and minimum amounts of insurance required in the Schedule or elsewhere in the contract.

(b) Before commencing work under this contract, the Contractor shall certify to the Contracting Officer in writing that the required insurance has been obtained. The policies evidencing required insurance shall contain an endorsement to the effect that any cancellation or any material change adversely affecting the Government's interest shall not be effective (1) for such period as the laws of the State in which this contract is to be performed prescribe or (2) until 30 days after the insurer or the Contractor gives written notice to the Contracting Officer, whichever period is longer.

(c) The Contractor shall insert the substance of this clause, including this paragraph (c), in subcontracts under this contract that require work on a Government installation and shall require subcontractors to provide and maintain the insurance required in the Schedule or elsewhere in the contract. The contractor shall maintain a copy of all subcontractors' proofs of required insurance,

and shall make copies available to the C ıcting Officer upon request.

49. FAR 52.229-3 FEDERAL, STATE, AND LOCAL TAXES (JAN 1991)

(a) "Contract date," as used in this clause, means the date set for bid opening or, if this is a negotiated contract or a modification, the effective date of this contract or modification.

"All applicable Federal, State, and local taxes and duties," as used in this clause, means all taxes and duties, in effect on the contract date, that the taxing authority is imposing and collecting on the transactions or property covered by this contract.

"After-imposed Federal tax," as used in this clause, means any new or increased Federal excise tax or duty, or tax that was exempted or excluded on the contract date but whose exemption was later revoked or reduced during the contract period, on the transactions or property covered by this contract that the Contractor is required to pay or bear as the result of legislative, judicial, or administrative action taking effect after the contract date. It does not include social security tax or other employment taxes.

"After-relieved Federal tax," as used in this clause, means any amount of Federal excise tax or duty, except social security or other employment taxes, that would otherwise have been payable on the transactions or property covered by this contract, but which the Contractor is not required to pay or bear, or for which the Contractor obtains a refund or drawback, as the result of legislative, judicial, or administrative action taking effect after the contract date.

(b) The contract price includes all applicable Federal, State, and local taxes and duties.

(c) The contract price shall be increased by the amount of any after-imposed Federal tax, provided the Contractor warrants in writing that no amount for such newly imposed Federal excise tax or duty or rate increase was included in the contract price, as a contingency reserve or otherwise.

(d) The contract price shall be decreased by the amount of any after-relieved Federal tax.

(e) The contract price shall be decreased by the amount of any Federal excise tax or duty, except social security or other employment taxes, that the Contractor is required to pay or bear, or does not obtain a refund of, through the Contractor's fault, negligence, or failure to follow instructions of the Contracting Officer.

(f) No adjustment shall be made in the contract price under this clause unless the amount of the adjustment exceeds $250.

(g) The Contractor shall promptly notify the Contracting Officer of all matters relating to any Federal excise tax or duty that reasonably may be expected to result in either an increase or decrease in the contract price and shall take appropriate action as the Contracting Officer directs.

(h) The Government shall, without liability, furnish evidence appropriate to establish exemption from any Federal, State, or local tax when the Contractor requests such evidence and a reasonable basis exists to sustain the exemption.

50. FAR 52.229-5 TAXES-CONTRACTS PERFORMED IN U.S. POSSESSIONS OR PUERTO RICO (APR 1984)A

The term "local taxes," as used in the Federal, State, and local taxes clause of this contract, includes taxes imposed by a possession of the United States or by Puerto Rico.

51. FAR 52.232-5 PAYMENTS UNDER FIXED-PRICE CONSTRUCTION CONTRACTS (APR 1989)

(a) The Government shall pay the Contractor the contract price as provided in this contract.

(b) The Government shall make progress payments monthly as the work proceeds, or at more frequent intervals as determined by the Contracting Officer, on estimates of work accomplished which meets the standards of quality established under the contract, as approved by the Contr ; Officer. The Contractor shall furnish a breakdown of the total c..tract price showing the amount included therein for each principal category of the work, which shall substantiate the payment amount requested in order to provide a basis for determining progress payments, in such detail as requested by the Contracting Officer. In the preparation of estimates the Contracting Officer may authorize material delivered on the site and preparatory work done to be taken into consideration. Material delivered to the Contractor at locations other than the site may also be taken into consideration if;

(1) Consideration is specifically authorized by this contract; and

(2) The Contractor furnishes satisfactory evidence that it has acquired title to such material and that the material will be used to perform this contract.

(c) Along with each request for progress payments, the contractor shall furnish the following certification, or payment shall not be made:

I hereby certify, to the best of my knowledge and belief, that–

(1) The amounts requested are only for performance in accordance with the specifications, terms, and conditions of the contract;

(2) Payments to subcontractors and suppliers have been made from previous payments received under the contract, and timely payments will be made from the proceeds of the payment covered by this certification, in accordance with subcontract agreements and the requirements of chapter 39 of Title 31, United States Code; and

(3) This request for progress payments does not include any amounts which the prime contractor intends to withhold or retain from a subcontractor or supplier in accordance with the terms and conditions of the subcontract.

_____
(Name)

_____
(Title)

_____
(Date)

(d) If the Contractor, after making a certified request for progress payments, discovers that a portion of all of such request constitutes a payment for performance by the Contractor that fails to conform to the specifications, terms, and conditions of this contract (hereinafter referred to as the "unearned amount"), the Contractor shall—

(1) Notify the Contracting Officer of such performance deficiency; and

(2) Be obligated to pay the Government an amount (computed by the Contracting Officer in the manner provided in 31 U.S.C. 3903(c)(1)) equal to interest on the unearned amount from the date of the receipt of the unearned amount until–

(i) The date the Contractor notifies the Contracting Officer that the performance deficiency has been corrected; or

(ii) The date the Contractor reduces the amount of any subsequent certified request for progress payments by an amount equal to the unearned amount.

(e) If the Contracting Officer finds that satisfactory progress was achieved during any period for which a progress payment is to be made, the Contracting Officer shall authorize payment to be made in full. However, if satisfactory progress has not been made, the Contracting Officer may retain a maximum of 10 percent of the amount of the payment until satisfactory progress is achieved. When the work is substantially complete, the Contracting Officer may retain from previously withheld funds and future progress payments that amount the Contracting Officer considers adequate for protection of the Government and shall release to the Contractor all the remaining withheld funds. Also, on completion and acceptance of each separate building, public work, or other

division of the contract, for which the price i ıted separately in the contract, payment may be made for the ..ıpleted work without retention of a percentage.

(f) All material and work covered by progress payments made shall, at the time of payment, become the sole property of the Government, but this shall not be construed as–

(1) Relieving the Contractor from the sole responsibility for all material and work upon which payments have been made or the restoration of any damaged work; or

(2) Waiving the right of the Government to require the fulfillment of all of the terms of the contract.

(g) In making these progress payments, the Government shall, upon request, reimburse the Contractor for the entire amount of premiums paid for performance and payment bonds (including coinsurance and reinsurance agreements, when applicable) after the Contractor has furnished evidence of full payment to the surety. The retainage provisions in paragraph (e) of this clause shall not apply to that portion of progress payments attributable to bond premiums.

(h) The Government shall pay the amount due the Contractor under this contract after–

(1) Completion and acceptance of all work;

(2) Presentation of a properly executed voucher; and

(3) Presentation of release of all claims against the Government arising by virtue of this contract, other than claims, in stated amounts, that the Contractor has specifically excepted from the operation of the release. A release may also be required of the assignee if the Contractor's claim to amounts payable under this contract has been assigned under the Assignment of Claims Act of 1940 (31 U.S.C. 3727 and 41 U.S.C. 15).

(i) Notwithstanding any provision of this contract, progress payments shall not exceed 80 percent on work accomplished on undefinitized contract actions. A "contract action" is any action resulting in a contract, as defined in FAR Subpart 2.1, including contract modifications for additional supplies or services, but not including contract modifications that are within the scope and under the terms of the contract, such as contract modifications issued pursuant to the Changes clause, or funding and other administrative changes.

52. FAR 52.232-8 DISCOUNTS FOR PROMPT PAYMENT (APR 1989)

(a) Discounts for prompt payment will not be considered in the evaluation of offers. However, any offered discount will form a part of the awards, and will be taken if payment is made within the discount period indicated in the offer by the offeror. As an alternative to offering a prompt payment discount in conjunction with the offer, offerors awarded contracts may include prompt payment discounts on individual invoices.

(b) In connection with any discount offered for prompt payment, time shall be computed from the date of the invoice. For the purpose of computing the discount earned, payment shall be considered to have been made on the date which appears on the payment check or the date on which an electronic funds transfer was made.

53. FAR 52.232-17 INTEREST (JAN 1991)

(a) Notwithstanding any other clause of this contract, all amounts, except amounts that are repayable and which bear interest under a Price Reduction for Defective Cost or Pricing Data clause, that become payable by the Contractor to the Government under this contract (net of any applicable tax credit under the Internal Revenue Code (26 U.S.C. 1481)) shall bear simple interest from the date due until paid unless paid within 30 days of becoming due. The interest rate shall be the interest rate established by the Secretary of the Treasury as provided in Section 12 of the Contract Disputes Act of 1978 (Public Law 95-563), which is applicable to the period in which the amount becomes due, as provided in paragraph (b) of this clause, and then at the rate applicable for each six-mo period as fixed by the Secretary until the amount is paid.

(b) Amounts shall be due at the earliest of the following dates:

(1) The date fixed under this contract.

(2) The date of the first written demand for payment consistent with this contract, including any demand resulting from a default termination.

(3) The date the Government transmits to the Contractor a proposed supplemental agreement to confirm completed negotiations establishing the amount of debt.

(4) If this contract provides for revision of prices, the date of written notice to the Contractor stating the amount of refund payable in connection with a pricing proposal or a negotiated pricing agreement not confirmed by contract modification.

(c) The interest charge made under this clause may be reduced under the procedures prescribed in 32.614-2 of the Federal Acquisition Regulation in effect on the date of this contract.

54. FAR 52.232-23 ASSIGNMENT OF CLAIMS (JAN 1986)

(a) The Contractor, under the Assignment of Claims Act, as amended, 31 U.S.C. 3727, 41 U.S.C. 15 (hereafter referred to as "the Act"), may assign its rights to be paid amounts due or to become due as a result of the performance of this contract to a bank, trust company, or other financing institution, including any Federal lending agency. The assignee under such an assignment may thereafter further assign or reassign its right under the original assignment to any type of financing institution described in the preceding sentence.

(b) Any assignment or reassignment authorized under the Act and this clause shall cover all unpaid amounts payable under this contract, and shall not be made to more than one party, except that an assignment or reassignment may be made to one party as agent or trustee for two or more parties participating in the financing of this contract.

(c) The Contractor shall not furnish or disclose to any assignee under this contract any classified document (including this contract) or information related to work under this contract until the Contracting Officer authorizes such action in writing.

55. FAR 52.232-27 PROMPT PAYMENT FOR CONSTRUCTION CONTRACTS (APR 1989)

Notwithstanding any other payment terms in this contract, the Government will make invoice payments and contract financing payments under the terms and conditions specified in this clause. Payment shall be considered as being made on the day a check is dated or an electronic funds transfer is made. Definitions of pertinent terms are set forth in 32.902. All days referred to in this clause are calendar days, unless otherwise specified. The term "foreign vendor" means an incorporated concern not incorporated in the United States, or an unincorporated concern having its principal place of business outside the United States.

(a) Invoice Payments. (1) For purposes of this clause, there are several types of invoice payments which may occur under this contract, as follows:

(i) Progress payments, if provided for elsewhere in this contract, based on Contracting Officer approval of the estimated amount and value of work or services performed, including payments for reaching milestones in any project:

(A) The due date for making such payments shall be 14 days after receipt of the payment request by the designated billing office. However, if the designated billing office fails to annotate the payment request with the actual date of receipt, the payment due date shall be deemed to be the 14th day after the date the Contractor's payment request is dated, provided a proper payment request is received and there is no disagreement over quantity, quality, or Contractor compliance with contract requirements.

(B) The due date for payment of any amounts retained by the Contracting Officer in accordance with the clause at

52.232-5, Payments Under Fixed-Priced struction Contracts, shall be as specified in the contract or, if . . specified, 30 days after approval for release to the contractor by the Contracting Officer.

(ii) Final payments based on completion and acceptance of all work and presentation or release of all claims against the Government arising by virtue of the contract, and payments for partial deliveries that have been accepted by the Government (e.g., each separate building public work, or other division of the contract for which the price is stated separately in the contract).

(A) The due date for making such payments shall be either the 30th day after receipt by the designated billing office of a proper invoice from the contractor, or the 30th day after Government acceptance of the work or services completed by the Contractor, whichever is later. However, if the designated billing office fails to annotate the invoice with the date of actual receipt, the invoice payment due date shall be deemed to be the 30th day after the date the Contractor's invoice is dated, provided a proper invoice is received and there is no disagreement over quantity, quality, or contractor compliance with contract requirements.

(B) On a final invoice where the payment amount is subject to contract settlement actions (e.g., release of claims), acceptance shall be deemed to have occurred on the effective date of the contract settlement.

(2) An invoice is the Contractor's bill or written request for payment under the contract for work or services performed under the contract. An invoice shall be prepared and submitted to the designated billing office. A proper invoice must include the items listed in subdivisions (a)(2)(i) through (a)(2)(ix) of this clause. If the invoice does not comply with these requirements, the Contractor will be notified of the defect within 7 days after receipt of the invoice at the designated billing office. Untimely notification will be taken into account in the computation of any interest penalty owed the Contractor in the manner described in subparagraph (a)(4) of this clause:

(i) Name and address of the Contractor.

(ii) Invoice date.

(iii) Contract number or other authorization for work or services performed (including other number and contract line item number).

(iv) Description of work or services performed.

(v) Delivery and payment terms (e.g., prompt payment discount terms).

(vi) Name and address of Contractor official to whom payment is to be sent (must be the same as that in the contract or in a proper notice of assignment).

(vii) Name (where practicable), title, phone number, and mailing address of person to be notified in event of a defective invoice.

(viii) For payments described in subdivision (a)(1)(i) of this clause, substantiation of the amounts requested and certification in accordance with the requirements of the clause at 52.232-5, Payments Under Fixed-Price Construction Contracts.

(ix) Any other information or documentation required by the contract.

(3) An interest penalty shall be paid automatically by the designated payment office, without request from the Contractor, if payment is not made by the due date and the conditions listed in subdivisions (a)(3)(i) through (a)(3)(iii) of this clause are met, if applicable. An interest penalty shall not be paid on contracts awarded to foreign vendors outside the United States for work performed outside the United States.

(i) A proper invoice was received by the designated billing office.

(ii) A receiving report or other Government documentation authorizing payment was processed and there was no disagreement over quantity, quality, Contractor compliance with any contract term or condition or requested progress payment amount.

(iii) In the ca f a final invoice for any balance of funds due the Contracto. r work or services performed, the amount was not subject to further contract settlement actions between the Government and the Contractor.

(4) The interest penalty shall be at the rate established by the Secretary of the Treasury under section 12 of the Contract Disputes Act of 1978 (41 U.S.C. 611) that is in effect on the day after the due date, except where the interest penalty is prescribed by other governmental authority. This rate is referred to as the 'Renegotiation Board Interest Rate,' and it is published in the Federal Register semiannually on or about January 1 and July 1. The interest penalty shall accrue daily on the invoice payment amount approved by the Government and be compounded in 30-day increments inclusive from the first day after the due date through the payment date. That is, interest accrued at the end of any 30-day period will be added to the approved invoice payment amount and be subject to interest penalties if not paid in the succeeding 30-day period. If the designated billing office failed to notify the Contractor of a defective invoice within the periods prescribed in subparagraph (a)(2) of this clause, then the due date on the corrected invoice will be adjusted by subtracting the number of days taken beyond the prescribed notification of defects period. Any interest penalty owed the Contractor will be based on this adjusted due date. Adjustments will be made by the designated payment office for errors in calculating interest penalties, if requested by the Contractor.

(i) For the sole purpose of computing an interest penalty that might be due the Contractor for payments described in subdivision (a)(1)(ii) of this clause, Government acceptance or approval shall be deemed to have occurred constructively on the 7th day after the Contractor has completed the work or services in accordance with the terms and conditions of the contract. In the event that actual acceptance or approval occurs within the constructive acceptance or approval period, the determination of an interest penalty shall be based on the actual date of acceptance or approval. Constructive acceptance or constructive approval requirements do not apply if there is a disagreement over quantity, quality, or Contractor compliance with a contract provision. These requirements also do not compel Government officials to accept work or services, approve Contractor estimates, perform contract administration functions, or make payment prior to fulfilling their responsibilities.

(ii) The following periods of time will not be included in the determination of an interest penalty:

(A) The period taken to notify the Contractor of defects in invoices submitted to the Government, but this may not exceed 7 days.

(B) The period between the defects notice and resubmission of the corrected invoice by the Contractor.

(iii) Interest penalties will not continue to accrue after the filing of a claim for such penalties under the clause at 52.233-1, Disputes, or for more than 1 year. Interest penalties of less than $1.00 need not be paid.

(iv) Interest penalties are not required on payment delays due to disagreement between the Government and Contractor over the payment amount or other issues involving contract compliance, or on amounts temporarily withheld or retained in accordance with the terms of the contract. Claims involving disputes, and any interest that may be payable, will be resolved in accordance with the clause at 52.233-1, Disputes.

(5) An interest penalty shall also be paid automatically by the designated payment office, without request from the Contractor, if a discount for prompt payment is taken improperly. The interest penalty will be calculated on the amount of discount taken for the period beginning with the first day after the end of the discount period through the date when the Contractor is paid.

(6) If this contract was awarded on or after October 1, 1989, a penalty amount, calculated in accordance with regulations issued

by the Office of Management and Budget, : be paid in addition to the interest penalty amount if the Contrac. .–

(i) Is owed an interest penalty;

(ii) Is not paid the interest penalty within 10 days after the date the invoice amount is paid; and

(iii) Makes a written demand, not later than 40 days after the date the invoice amount is paid, that the agency pay such a penalty.

(b) Contract Financing Payments. (1) For purposes of this clause, if applicable, "contract financing payments," means a Government disbursement of monies to a Contractor under a contract clause or other authorization prior to acceptance of supplies or services by the Government, other than progress payments based on estimates of amount and value of work performed. Contract financing payments include advance payments and interim payments under cost-type contracts.

(2) If this contract provides for contract financing, requests for payment shall be submitted to the designated billing office as specified in this contract or as directed by the contracting Officer. Contract financing payments shall be made on the 30th day after receipt of a proper contract financing request by the designated billing office. In the event that an audit or other review of a specific financing request is required to ensure compliance with the terms and conditions of the contract, the designated payment office is not compelled to make payment by the due date specified. For advance payments, loans, or other arrangements that do not involve recurrent submissions of contract financing requests, payment shall be made in accordance with the corresponding contract terms or as directed by the Contracting Officer. Contract financing payments shall not be assessed an interest penalty for payment delays.

(c) The Contractor shall include in each subcontract for property or services (including a material supplier) for the purpose of performing this contract the following:

(1) A payment clause which obligates the Contractor to pay the subcontractor for satisfactory performance under its subcontract not later than 7 days from receipt of payment out of such amounts as are paid to the Contractor under the contract.

(2) An interest penalty clause which obligates the Contractor to pay to the subcontractor an interest penalty for each payment not more in accordance with the payment clause–

(i) For the period beginning on the day after the required payment date and ending on the date on which payment of the amount due is made; and

(ii) Computed at the rate of interest established by the Secretary of the Treasury, and published in the Federal Register, for interest payments under section 12 of the Contract Disputes Act of 1978 (41 U.S.C. 611) in effect at the time the Contractor accrues the obligations to pay an interest penalty.

(3) A clause requiring each subcontractor to include a payment clause and an interest penalty clause conforming to the standards set forth in subparagraphs (c)(1) and (c)(2) of this clause in each of its subcontracts, and to require each of its subcontractors to include such clauses in their subcontracts with each lower-tier subcontractor or supplier.

(d) The clauses required by paragraph (c) of this clause shall not be constructed to impair the right of Contractor or a subcontractor at any tier to negotiate, and to include in their subcontract, provisions which–

(1) Permit the Contractor or a subcontractor to retain (without cause) a specified percentage of each progress payment otherwise due to a subcontractor for satisfactory performance under the subcontract without incurring any obligation to pay a late payment interest penalty, in accordance with terms and conditions agreed to by the parties to the subcontract, giving such recognition as the parties deem appropriate to the ability of a subcontractor to furnish a performance bond and a payment bond;

(2) Permit the Contractor or subcontractor to make determination that part or all of the subcontractor's request for payment may be withheld ccordance with the subcontract agreement; and

(3) Permit such withholding without incurring any obligation to pay a late payment penalty if–

(i) A notice conforming to the standards of paragraph (g) of this clause has been previously furnished to the subcontractor, and

(ii) A copy of any notice issued by a Contractor pursuant to subdivision (d)(3)(i) of this clause has been furnished to the Contracting Officer.

(e) If a Contractor, after making a request for payment to the Government but before making a payment to a subcontractor for the subcontractor's performance covered by the payment request, discovers that all or a portion of the payment otherwise due such subcontractor is subject to withholding from the subcontractor is accordance with the subcontract agreement, then the Contractor shall–

(1) Furnish to the subcontractor a notice conforming to the standards of paragraph (g) of this clause as soon as practicable upon ascertaining the cause giving rise to a withholding, but prior to the due date for subcontractor payment;

(2) Furnish to the Contracting Officer, as soon as practicable, a copy of the notice furnished to the subcontractor pursuant to subparagraph (e)(1) of this clause;

(3) Reduce the subcontractor's progress payment by an amount not to exceed the amount specified in the notice of withholding furnished under subparagraph (e)(1) of this clause;

(4) Pay the subcontractor as soon as practicable after the correction of the identified subcontract performance deficiency, and–

(i) Make such payment within–

(A) Seven days after correction of the identified subcontract performance deficiency (unless the funds therefor must be recovered from the Government because of a reduction under subdivision (e)(5)(i) of this clause; or

(B) Seven days after the Contractor recovers such funds from the Government; or

(ii) Incur an obligation to pay a late payment interest penalty computed at the rate of interest established by the Secretary of the Treasury, and published in the Federal Register, for interest payments under section 12 of the Contracts Disputes Act of 1978 (41 U.S.C. 611) in effect at the time the Contractor accrues the obligation to pay an interest penalty;

(5) Notify the Contracting Officer upon–

(i) Reduction of the amount of any subsequent certified application for payment; or

(ii) Payment to the subcontractor of any withheld amounts of a progress payment, specifying–

(A) The amounts withheld under subparagraph (e)(1) of this clause; and

(B) The dates that such withholding began and ended; and

(6) Be obligated to pay to the Government an amount equal to interest on the withheld payments (computed in the manner provided in 31 U.S.C. 3903(c)(1), from the 8th day after receipt of the withheld amounts from the Government until–

(i) The day the identified subcontractor performance deficiency is corrected; or

(ii) The date that any subsequent payment is reduced under subdivision (e)(5)(i) of this clause.

(f)(1) If a Contractor, after making payment to a first-tier subcontractor, receives from a supplier or subcontractor of the first-tier subcontractor (hereafter referred to as a "second-tier subcontractor") a written notice in accordance with section 2 of the Act of August 24, 1935 (40 U.S.C. 270b, Miller Act), asserting a deficiency in such first-tier subcontractor's performance under the contract for which the Contractor may be ultimately liable, and the Contractor determines that all or a portion of future payments otherwise due such first-tier subcontractor is subject to withholding

in accordance with the subcontract agree' ıt, then the Contractor may, without incurring an obligation to pa. . interest penalty under subparagraph (e)(6) of this clause–

(i) Furnish to the first-tier subcontractor a notice conforming to the standards of paragraph (g) of this clause as soon as practicable upon making such determination; and

(ii) Withhold from the first-tier subcontractor's next available progress payment of payments an amount not to exceed the amount specified in the notice of withholding furnished under subdivision (f)(1)(i) of this clause.

(2) As soon as practicable, but not later than 7 days after receipt of satisfactory written notification that the identified subcontract performance deficiency has been corrected, the Contractor shall pay the amount withheld under subdivision (f)(1)(ii) of this clause to such first-tier subcontractor, or shall incur an obligation to pay a late payment interest penalty to such first-tier subcontractor computed at the rate of interest established by the Secretary of the Treasury, and published in the Federal Register, for interest payments under section 12 of the Contracts Disputes Act of 1978 (41 U.S.C. 611) in effect at the time the Contractor accrues the obligation to pay an interest penalty.

(g) A written notice of any withholding shall be issued to a subcontractor (with a copy to the Contracting Officer of any such notice issued by the Contractor), specifying –

(1) The amount to be withheld;

(2) The specific causes for the withholding under the terms of the subcontract; and

(3) The remedial actions to be taken by the subcontractor in order to receive payment of the amounts withheld.

(h) The Contractor may not request payment from the Government of any amount withheld or retained in accordance with paragraph (d) of this clause until such time as the Contractor has determined and certified to the Contracting Officer that the subcontractor is entitled to the payment of such amount.

(i) A dispute between the Contractor and subcontractor relating to the amount or entitlement of a subcontractor to a payment or a late payment interest penalty under a clause included in the subcontract pursuant to paragraph (c) of this clause does not constitute a dispute to which the United States is a party. The United States may not be interpleaded in any judicial or administrative proceeding involving such a dispute.

(j) Except as provided in paragraph (i) of this clause, this clause shall not limit or impair any contractual, administrative, or judicial remedies otherwise available to the Contractor or a subcontractor in the event of a dispute involving late payment or nonpayment by the Contractor or deficient subcontract performance or nonperformance by a subcontractor.

(k) The Contractor's obligation to pay an interest penalty to a subcontractor pursuant to the clauses included in a subcontract under paragraph (c) of this clause shall not be construed to be an obligation of the United States for such interest penalty. A cost reimbursement claim may not include any amount for reimbursement of such interest penalty.

56. FAR 52.232-28 ELECTRONIC FUNDS TRANSFER PAYMENT METHODS (APR 1989)

Payments under this contract will be made by the Government either by check or electronic funds transfer (through the Treasury Fedline Payment System (FEDLINE) or the Automated Clearing House (ACH)), at the option of the Government. After award, but no later than 14 days before an invoice or contract financing request is submitted, the Contractor shall designate a financial institution for receipt of electronic funds transfer payments, and shall submit this designation to the Contracting Officer or other Government official, as directed.

(a) For payment through FEDLINE, the Contractor shall provide the following information:

(1) Name, address, and telegraphic abbreviation of the financial institution receiving payment.

(2) The America' ınkers Association 9-digit identifying number for wire transfe. the financing institution receiving payment if the institution has access to the Federal Reserve Communications System.

(3) Payee's account number at the financial institution where funds are to be transferred.

(4) If the financial institution does not have access to the Federal Reserve Communications System, name, address, and telegraphic abbreviation of the correspondent financial institution through which the financial institution receiving payment obtains wire transfer activity. Provide the telegraphic abbreviation and American Bankers Association identifying number for the correspondent institution.

(b) For payment through ACH, the Contractor shall provide the following information:

(1) Routing transit number of the financial institution receiving payment (same as American Bankers Association identifying number used for FEDLINE).

(2) Number of account to which funds are to be deposited.

(3) Type of depositor account ("C" for checking, "S" for savings).

(4) If the Contractor is a new enrollee to the ACH system, a "Payment Information Form," SF 3881, must be completed before payment can be processed.

(c) In the event the Contractor, during the performance of this contract, elects to designate a different financial institution for the receipt of any payment made using electronic funds transfer procedures, notification of such change and the required information specified above must be received by the appropriate Government official 30 days prior to the date such change is to become effective.

(d) The documents furnishing the information required in this clause must be dated and contain the signature, title, and telephone number of the Contractor official authorized to provide it, as well as the Contractor's name and contract number.

(e) Contractor failure to properly designate a financial institution or to provide appropriate payee bank account information may delay payments of amounts otherwise properly due.

57. FAR 52.233-1 DISPUTES ALTERNATE I (DEC 1991)

(a) This contract is subject to the Contract Disputes Act of 1978, as amended (41 U.S.C. 601-613).

(b) Except as provided in the Act, all disputes arising under or relating to this contract shall be resolved under this clause.

(c) "Claim," as used in this clause, means a written demand or written assertion by one of the contracting parties seeking, as a matter of right, the payment of money in a sum certain, the adjustment or interpretation of contract terms, or other relief arising under or relating to this contract. A claim arising under a contract, unlike a claim relating to that contract, is a claim that can be resolved under a contract clause that provides for the relief sought by the claimant. However, a written demand or written assertion by the Contractor seeking the payment of money exceeding $50,000 is not a claim under the Act until certified as required by subparagraph (d)(2) below. A voucher, invoice, or other routine request for payment that is not in dispute when submitted is not a claim under the Act. The submission may be converted to a claim under the Act, by complying with the submission and certification requirements of this clause, if it is disputed either as to liability or amount or is not acted upon in a reasonable time.

(d)(1) A claim by the Contractor shall be made in writing and submitted to the Contracting Officer for a written decision. A claim by the Government against the Contractor shall be subject to a written decision by the Contracting Officer.

(2) For Contractor claims exceeding $50,000, the Contractor shall submit with the claim a certification that–

(i) The claim is made in good faith;

(ii) Supporting data are accurate and complete to the best of the Contractor's knowledge and belief; and

(iii) The amount requested accu y reflects the contract adjustment for which the Contracto. elieves the Government is liable.

(3)(i) If the Contractor is an individual, the certification shall be executed by that individual.

(ii) If the Contractor is not an individual, the certification shall be executed by–

(A) A senior company official in charge at the Contractor's plant or location involved; or

(B) An officer or general partner of the Contractor having overall responsibility for the conduct of the Contractor's affairs.

(e) For Contractor claims of $50,000 or less, the Contracting Officer must, if requested in writing by the Contractor, render a decision within 60 days of the request. For Contractor-certified claims over $50,000, the Contracting Officer must, within 60 days, decide the claim or notify the Contractor of the date by which the decision will be made.

(f) The Contracting Officer's decision shall be final unless the Contractor appeals or files a suit as provided in the Act.

(g) At the time a claim by the Contractor is submitted to the Contracting Officer or a claim by the Government is presented to the Contractor, the parties, by mutual consent, may agree to use alternative means of dispute resolution. When using alternate dispute resolution procedures, any claim, regardless of amount, shall be accompanied by the certification described in paragraph (d)(2) of this clause, and executed in accordance with paragraph (d)(3) of this clause.

(h) The Government shall pay interest on the amount found due and unpaid from (1) the date the Contracting Officer receives the claim (properly certified if required), or (2) the date payment otherwise would be due, if that date is later, until the date of payment. Simple interest on claims shall be paid at the rate, fixed by the Secretary of the Treasury as provided in the Act, which is applicable to the period during which the Contracting Officer receives the claim and then at the rate applicable for each 6-month period as fixed by the Treasury Secretary during the pendency of the claim.

(i) The Contractor shall proceed diligently with performance of this contract, pending final resolution of any request for relief, claim, appeal, or action arising under or relating to the contract, and comply with any decision of the Contracting Officer.

58. FAR 52.233-3 PROTEST AFTER AWARD (AUG 1989)

(a) Upon receipt of a notice of protest (as defined in 33.101 of the FAR) the Contracting Officer may, by written order to the Contractor, direct the Contractor to stop performance of the work called for by this contract. The order shall be specifically identified as a stop-work order issued under this clause. Upon receipt of the order, the Contractor shall immediately comply with its terms and take all reasonable steps to minimize the incurrence of costs allocable to the work covered by the order during the period of work stoppage. Upon receipt of the final decision in the protest, the Contracting Officer shall either–

(1) Cancel the stop-work order; or

(2) Terminate the work covered by the order as provided in the Default, or the Termination for Convenience of the Government, clause of this contract.

(b) If a stop-work order issued under this clause is canceled either before or after a final decision in the protest, the Contractor shall resume work. The Contracting Officer shall make an equitable adjustment in the delivery schedule or contract price, or both, and the contract shall be modified, in writing, accordingly, if–

(1) The stop-work order results in an increase in the time required for, or in the Contractor's cost properly allocable to, the performance of any part of this contract; and

(2) The Contractor asserts its right to an adjustment within 30 days after the end of the period of work stoppage; provided, that if the Contracting Officer decides the facts justify the action, the Contracting Officer may r e and act upon a proposal at any time before final payment er this contract.

(c) If a stop-work order is not canceled and the work covered by the order is terminated for the convenience of the Government, the Contracting Officer shall allow reasonable costs resulting from the stop-work order in arriving at the termination settlement.

(d) If a stop-work order is not canceled and the work covered by the order is terminated for default, the Contracting Officer shall allow, by equitable adjustment or otherwise, reasonable costs resulting from the stop-work order.

(e) The Government's rights to terminate this contract at any time are not affected by action taken under this clause.

59. FAR 52.236-1 PERFORMANCE OF WORK BY THE CONTRACTOR (APR 1984)

NOTE: This clause applies to this contract only if the price exceeds $1,000,000.

The Contractor shall perform on the site, and with its own organization, work equivalent to at least (See Section H of this contract) percent of the total amount of work to be performed under the contract. This percentage may be reduced by a supplemental agreement to this contract if, during performing the work, the Contractor requests a reduction and the Contracting Officer determines that the reduction would be to the advantage of the Government.

60. FAR 52.236-2 DIFFERING SITE CONDITIONS (APR 1984)

(a) The Contractor shall promptly, and before the conditions are disturbed, give a written notice to the Contracting Officer of (1) subsurface or latent physical conditions at the site which differ materially from those indicated in this contract, or (2) unknown physical conditions at the site, of an unusual nature, which differ materially from those ordinarily encountered and generally recognized as inhering in work of the character provided for in the contract.

(b) The Contracting Officer shall investigate the site conditions promptly after receiving the notice. If the conditions do materially so differ and cause an increase or decrease in the Contractor's cost of, or the time required for, performing any part of the work under this contract, whether or not changed as a result of the conditions, an equitable adjustment shall be made under this clause and the contract modified in writing accordingly .

(c) No request by the Contractor for an equitable adjustment to the contract under this clause shall be allowed, unless the Contractor has given the written notice required; provided, that the time prescribed in (a) above for giving written notice may be extended by the Contracting Officer.

(d) No request by the Contractor for an equitable adjustment to the contract for differing site conditions shall be allowed if made after final payment under this contract.

61. FAR 52.236-3 SITE INVESTIGATION AND CONDITIONS AFFECTING THE WORK (APR 1984)

(a) The Contractor acknowledges that it has taken steps reasonably necessary to ascertain the nature and location of the work, and that it has investigated and satisfied itself as to the general and local conditions which can affect the work or its cost, including but not limited to (1) conditions bearing upon transportation, disposal, handling, and storage of materials; (2) the availability of labor, water, electric power, and roads; (3) uncertainties of weather, river stages, tides, or similar physical conditions at the site; (4) the conformation and conditions of the ground; and (5) the character of equipment and facilities needed preliminary to and during work performance. The Contractor also acknowledges that it has satisfied itself as to the character, quality, and quantity of surface and subsurface materials or obstacles to be encountered insofar as this information is reasonably ascertainable from an inspection of the site, including all exploratory work done by the Government, as well as from the drawings and

specifications made a part of this contract. Any failure of the Contractor to take the actions described and acknowledged in this paragraph will not relieve the Contractor from responsibility for estimating properly the difficulty and cost of successfully performing the work, or for proceeding to successfully perform the work without additional expense to the Government.

(b) The Government assumes no responsibility for any conclusions or interpretations made by the Contractor based on the information made available by the Government. Nor does the Government assume responsibility for any understanding reached or representation made concerning conditions which can affect the work by any of its officers or agents before the execution of this contract, unless that understanding or representation is expressly stated in this contract.

62. FAR 52.236-5 MATERIAL AND WORKMANSHIP (APR 1984)

(a) All equipment, material, and articles incorporated into the work covered by this contract shall be new and of the most suitable grade for the purpose intended, unless otherwise specifically provided in this contract. References in the specifications to equipment, material, articles, or patented processes by trade name, make, or catalog number, shall be regarded as establishing a standard of quality and shall not be construed as limiting competition. The Contractor may, at its option, use any equipment, material, article, or process that, in the judgment of the Contracting Officer, is equal to that named in the specifications, unless otherwise specifically provided in this contract.

(b) The Contractor shall obtain the Contracting Officer's approval of the machinery and mechanical and other equipment to be incorporated into the work. When requesting approval, the Contractor shall furnish to the Contracting Officer the name of the manufacturer, the model number, and other information concerning the performance, capacity, nature, and rating of the machinery and mechanical and other equipment. When required by this contract or by the Contracting Officer, the Contractor shall also obtain the Contracting Officer's approval of the material or articles which the Contractor contemplates incorporating into the work. When requesting approval,the Contractor shall provide full information concerning the material or articles. When directed to do so, the Contractor shall submit samples for approval at the Contractor's expense, with all shipping charges prepaid. Machinery, equipment, material, and articles that do not have the required approval shall be installed or used at the risk of subsequent rejection.

(c) All work under this contract shall be performed in a skillful and workmanlike manner. The Contracting Officer may require, in writing, that the Contractor remove from the work any employee the Contracting Officer deems incompetent, careless, or otherwise objectionable.

63. FAR 52.236-6 SUPERINTENDENCE BY THE CONTRACTOR (APR 1984)

At all times during performance of this contract and until the work is completed and accepted, the Contractor shall directly superintend the work or assign and have on the work a competent superintendent who is satisfactory to the Contracting Officer and has authority to act for the Contractor.

64. FAR 52.236-7 PERMITS AND RESPONSIBILITIES (APR 1984)

The Contractor shall, without additional expense to the Government, be responsible for obtaining any necessary licenses and permits, and for complying with any Federal, State, and municipal laws, codes, and regulations applicable to the performance of the work. The Contractor shall also be responsible for all damages to persons or property that occur as a result of the Contractor's fault or negligence, and shall take proper safety and health precautions to protect the work, the workers, the public, and the property of others. The Contractor shall also be responsible for all materials delivered and work performed until completion and acceptance of the entire work, except for any completed unit of work which may have been accepted under the contract.

65. FAR 52.236-8 OTHER CONTRACTS (APR 1984)

The Government may undertake or award other contracts for additional work at or near the site of the work under this contract. The Contractor shall fully cooperate with the other contractors and with Government employees and shall carefully adapt scheduling and performing the work under this contract to accommodate the additional work, heeding any direction that may be provided by the Contracting Officer. The Contractor shall not commit or permit any act that will interfere with the performance of work by any other contractor or by Government employees.

66. FAR 52.236-9 PROTECTION OF EXISTING VEGETATION, STRUCTURES, EQUIPMENT, UTILITIES, AND IMPROVEMENTS (APR 1984)

(a) The Contractor shall preserve and protect all structures, equipment, and vegetation (such as trees, shrubs, and grass) on or adjacent to the work site, which are not to be removed and which do not unreasonably interfere with the work required under this contract. The Contractor shall only remove trees when specifically authorized to do so, and shall avoid damaging vegetation that will remain in place. If any limbs or branches of trees are broken during contract performance, or by the careless operation of equipment, or by workmen, the Contractor shall trim those limbs or branches with a clean cut and paint the cut with a tree-pruning compound as directed by the Contracting Officer.

(b) The Contractor shall protect from damage all existing improvements and utilities (1) at or near the work site and (2) on adjacent property of a third party, the locations of which are made known to or should be known by the Contractor. The Contractor shall repair any damage to those facilities, including those that are the property of a third party, resulting from failure to comply with the requirements of this contract or failure to exercise reasonable care in performing the work. If the Contractor fails or refuses to repair the damage promptly, the Contracting Officer may have the necessary work performed and charge the cost to the Contractor.

67. FAR 52.236-10 OPERATIONS AND STORAGE AREAS (APR 1984)

(a) The Contractor shall confine all operations (including storage of materials) on Government premises to areas authorized or approved by the Contracting Officer. The Contractor shall hold and save the Government, its officers and agents, free and harmless from liability of any nature occasioned by the Contractor's performance.

(b) Temporary buildings (e.g., storage sheds, shops, offices) and utilities may be erected by the Contractor only with the approval of the Contracting Officer and shall be built with labor and materials furnished by the Contractor without expense to the Government. The temporary buildings and utilities shall remain the property of the Contractor and shall be removed by the Contractor at its expense upon completion of the work. With the written consent of the Contracting Officer, the buildings and utilities may be abandoned and need not be removed.

(c) The Contractor shall, under regulations prescribed by the Contracting Officer, use only established roadways, or use temporary roadways constructed by the Contractor when and as authorized by the Contracting Officer. When materials are transported in prosecuting the work, vehicles shall not be loaded beyond the loading capacity recommended by the manufacturer of the vehicle or prescribed by any Federal, State, or local law or regulation. When it is necessary to cross curbs or sidewalks, the Contractor shall protect them from damage. The Contractor shall repair or pay for the repair of any damaged curbs, sidewalks, or roads.

68. FAR 52.236-11 USE AND POSSESS' PRIOR TO COMPLETION (APR 1984)

(a) The Government shall have the right to take possession of or use any completed or partially completed part of the work. Before taking possession of or using any work, the Contracting Officer shall furnish the Contractor a list of items of work remaining to be performed or corrected on those portions of the work that the Government intends to take possession of or use. However, failure of the Contracting Officer to list any item of work shall not relieve the Contractor of responsibility for complying with the terms of the contract. The Government's possession or use shall not be deemed an acceptance of any work under the contract.

(b) While the Government has such possession or use, the Contractor shall be relieved of the responsibility for the loss of or damage to the work resulting from the Government's possession or use, notwithstanding the terms of the clause in this contract entitled "Permits and Responsibilities." If prior possession or use by the Government delays the progress of the work or causes additional expense to the Contractor, an equitable adjustment shall be made in the contract price or the time of completion, and the contract shall be modified in writing accordingly.

69. FAR 52.236-12 CLEANING UP (APR 1984)

The Contractor shall at all times keep the work area, including storage areas, free from accumulations of waste materials. Before completing the work, the Contractor shall remove from the work and premises any rubbish, tools, scaffolding, equipment, and materials that are not the property of the Government. Upon completing the work, the Contractor shall leave the work area in a clean, neat, and orderly condition satisfactory to the Contracting Officer.

70. FAR 52.236-13 ACCIDENT PREVENTION (APR 1984)

(a) In performing this contract, the Contractor shall provide for protecting the lives and health of employees and other persons; preventing damage to property, materials, supplies, and equipment; and avoiding work interruptions. For these purposes, the Contractor shall–

(1) Provide appropriate safety barricades, signs, and signal lights;

(2) Comply with the standards issued by the Secretary of Labor at 29 CFR Part 1926 and 29 CFR Part 1910; and

(3) Ensure that any additional measures the Contracting Officer determines to be reasonably necessary for this purpose are taken.

(b) If this contract is with any Department of Defense agency or component, the Contractor shall comply with all pertinent provisions of the U.S. Army Corps of Engineers Safety and Health Requirements Manual, EM 385-1-1, dated October 1984.

(c) The Contractor shall maintain an accurate record of exposure data on all accidents incident to work performed under this contract resulting in death, traumatic injury, occupational disease, or damage to property, materials, supplies, or equipment. The Contractor shall report this data in the manner prescribed by the Contracting Officer.

(d) The Contracting Officer shall notify the Contractor of any noncompliance with these requirements and of the corrective action required. This notice, when delivered to the Contractor or the Contractor's representative at the site of the work, shall be deemed sufficient notice of the noncompliance and corrective action required. After receiving the notice, the Contractor shall immediately take corrective action. If the Contractor fails or refuses to take corrective action promptly, the Contracting Officer may issue an order stopping all or part of the work until satisfactory corrective action has been taken. The Contractor shall not base any claim or request for equitable adjustment for additional time or money on any stop order issued under these circumstances.

(e) The Contractor sha ' responsible for its subcontractors' compliance with this claus.

71. FAR 52.236-15 SCHEDULES FOR CONSTRUCTION CONTRACTS (APR 1984)

(a) The Contractor shall, within five days after the work commences on the contract or another period of time determined by the Contracting Officer, prepare and submit to the Contracting Officer for approval three copies of a practicable schedule showing the order in which the Contractor proposes to perform the work, and the dates on which the Contractor contemplates starting and completing the several salient features of the work (including acquiring materials, plant, and equipment). The schedule shall be in the form of a progress chart of suitable scale to indicate appropriately the percentage of work scheduled for completion by any given date during the period. If the Contractor fails to submit a schedule within the time prescribed, the Contracting Officer may withhold approval of progress payments until the Contractor submits the required schedule.

(b) The Contractor shall enter the actual progress on the chart as directed by the Contracting Officer, and upon doing so shall immediately deliver three copies of the annotated schedule to the Contracting Officer. If, in the opinion of the Contracting Officer, the Contractor falls behind the approved schedule, the Contractor shall take steps necessary to improve its progress, including those that may be required by the Contracting Officer, without additional cost to the Government. In this circumstance, the Contracting Officer may require the Contractor to increase the number of shifts, overtime operations, days of work, and/or the amount of construction plant, and to submit for approval any supplementary schedule or schedules in chart form as the Contracting Officer deems necessary to demonstrate how the approved rate of progress will be regained.

(c) Failure of the Contractor to comply with the requirements of the Contracting Officer under this clause shall be grounds for a determination by the Contracting Officer that the Contractor is not prosecuting the work with sufficient diligence to ensure completion within the time specified in the contract. Upon making this determination, the Contracting Officer may terminate the Contractor's right to proceed with the work, or any separable part of it, in accordance with the default terms of this contract.

72. FAR 52.236-17 LAYOUT OF WORK (APR 1984)

The Contractor shall lay out its work from Government–established base lines and bench marks indicated on the drawings, and shall be responsible for all measurements in connection with the layout. The Contractor shall furnish, at its own expense, all stakes, templates, platforms, equipment, tools, materials, and labor required to lay out any part of the work. The Contractor shall be responsible for executing the work to the lines and grades that may be established or indicated by the Contracting Officer. The Contractor shall also be responsible for maintaining and preserving all stakes and other marks established by the Contracting Officer until authorized to remove them. If such marks are destroyed by the Contractor or through its negligence before their removal is authorized, the Contracting Officer may replace them and deduct the expense of the replacement from any amounts due or to become due to the Contractor.

73. FAR 52.236-21 SPECIFICATIONS AND DRAWINGS FOR CONSTRUCTION (APR 1984)

(a) The Contractor shall keep on the work site a copy of the drawings and specifications and shall at all times give the Contracting Officer access thereto. Anything mentioned in the specifications and not shown on the drawings, or shown on the drawings and not mentioned in the specifications, shall be of like effect as if shown or mentioned in both. In case of difference between drawings and specifications, the specifications shall govern. In case of discrepancy in the figures, in the drawings, or in

the specifications, the matter shall be pro[illegible]ly submitted to the Contracting Officer, who shall promptly m[illegible] a determination in writing. Any adjustment by the Contractor without such a determination shall be at its own risk and expense. The Contracting Officer shall furnish from time to time such detailed drawings and other information as considered necessary, unless otherwise provided.

(b) Wherever in the specifications or upon the drawings the words "directed", "required", "ordered", "designated", "prescribed", or words of like import are used, it shall be understood that the "direction", "requirement", "order", "designation", or "prescription", of the Contracting Officer is intended and similarly the words "approved", "acceptable", "satisfactory", or words of like import shall mean "approved by", or "acceptable to", or "satisfactory to" the Contracting Officer, unless otherwise expressly stated.

(c) Where "as shown", "as indicated", "as detailed", or words of similar import are used, it shall be understood that the reference is made to the drawings accompanying this contract unless stated otherwise. The word "provided" as used herein shall be understood to mean "provide complete in place", that is "furnished and installed".

(d) Shop drawings means drawings, submitted to the Government by the Contractor, subcontractor, any lower tier subcontractor pursuant to a construction contract, showing in detail (1) the proposed fabrication and assembly of structural elements and (2) the installation (i.e., form, fit, and attachment details) of materials of equipment. It includes drawings, diagrams, layouts, schematics, descriptive literature, illustrations, schedules, performance and test data, and similar materials furnished by the contractor to explain in detail specific portions of the work required by the contract. The Government may duplicate, use, and disclose in any manner and for any purpose shop drawings delivered under this contract.

(e) If this contract requires shop drawings, the Contractor shall coordinate all such drawings, and review them for accuracy, completeness, and compliance with contract requirements and shall indicate its approval thereon as evidence of such coordination and review. Shop drawings submitted to the Contracting Officer without evidence of the Contractor's approval may be returned for resubmission. The Contracting Officer will indicate an approval or disapproval of the shop drawings and if not approved as submitted shall indicate the Government's reasons therefor. Any work done before such approval shall be at the Contractor's risk. Approval by the Contracting Officer shall not relieve the Contractor from responsibility for any errors or omissions in such drawings, nor from responsibility for complying with the requirements of this contract, except with respect to variations described and approved in accordance with (f) below.

(f) If shop drawings show variations from the contract requirements, the Contractor shall describe such variations in writing, separate from the drawings, at the time of submission. If the Contracting Officer approves any such variation, the Contracting Officer shall issue an appropriate contract modification, except that, if the variation is minor or does not involve a change in price or in time of performance, a modification need not be issued.

(g) The Contractor shall submit to the Contracting Officer for approval four copies (unless otherwise indicated) of all shop drawings as called for under the various headings of these specifications. Three sets (unless otherwise indicated) of all shop drawings, will be retained by the Contracting Officer and one set will be returned to the Contractor.

(h) This clause shall be included in all subcontracts at any tier.

74. FAR 52.243-4 CHANGES (AUG 1987)

(a) The Contracting Officer may, at any time, without notice to the sureties, if any, by written order designated or indicated to be a change order, make changes in the work within the general scope of the contract, including changes–

(1) In the specifi[illegible]ons (including drawings and designs);

(2) In the metho[illegible] manner of performance of the work;

(3) In the Government-furnished facilities, equipment, materials, services, or site; or

(4) Directing acceleration in the performance of the work.

(b) Any other written or oral order (which, as used in this paragraph (b), includes direction, instruction, interpretation, or determination) from the Contracting Officer that causes a change shall be treated as a change order under this clause; provided, that the Contractor gives the Contracting Officer written notice stating (1) the date, circumstances, and source of the order and (2) that the Contractor regards the order as a change order.

(c) Except as provided in this clause, no order, statement, or conduct of the Contracting Officer shall be treated as a change under this clause or entitle the Contractor to an equitable adjustment.

(d) If any change under this clause causes an increase or decrease in the Contractor's cost of, or the time required for, the performance of any part of the work under this contract, whether or not changed by any such order, the Contracting Officer shall make an equitable adjustment and modify the contract in writing. However, except for an adjustment based on defective specifications, no adjustment for any change under paragraph (b) of this clause shall be made for any costs incurred more than 20 days before the Contractor gives written notice as required. In the case of defective specifications for which the Government is responsible, the equitable adjustment shall include any increased cost reasonably incurred by the Contractor in attempting to comply with the defective specifications.

(e) The Contractor must assert its right to an adjustment under this clause within 30 days after (1) receipt of a written change order under paragraph (a) of this clause or (2) the furnishing of a written notice under paragraph (b) of this clause, by submitting to the Contracting Officer a written statement describing the general nature and amount of the proposal, unless this period is extended by the Government. The statement of proposal for adjustment may be included in the notice under paragraph (b) above.

(f) No proposal by the Contractor for an equitable adjustment shall be allowed if asserted after final payment under this contract.

75. FAR 52.244-1 SUBCONTRACTS (FIXED-PRICE CONTRACTS) (APR 1991)

NOTE: This clause applies only if the price of this contract exceeds $500,000.

(a) This clause does not apply to firm-fixed-price contracts and fixed-price contracts with economic price adjustment. However, it does apply to subcontracts resulting from unpriced modifications to such contracts.

(b) "Subcontract," as used in this clause, includes but is not limited to purchase orders, and changes and modifications to purchase orders. The Contractor shall notify the Contracting Officer reasonably in advance of entering into any subcontract if the Contractor does not have an approved purchasing system and if the subcontract–

(1) Is proposed to exceed $100,000; or

(2) Is one of a number of subcontracts with a single subcontractor, under this contract, for the same or related supplies or services, that in the aggregate are expected to exceed $100,000.

(c) The advance notification required by paragraph (b) above shall include –

(1) A description of the supplies or services to be subcontracted;

(2) Identification of the type of subcontract to be used;

(3) Identification of the proposed subcontractor and an explanation of why and how the proposed subcontractor was selected, including the competition obtained;

(4) The proposed subcontract price and the Contractor's cost or price analysis;

(5) The subcontractor's current, com e, and accurate cost or pricing data and Certificate of Current Cu r Pricing Data, if required by other contract provisions;

(6) The subcontractor's Disclosure Statement or Certificate relating to Cost Accounting Standards when such data are required by other provisions of this contract; and

(7) A negotiation memorandum reflecting–

(i) The principal elements of the subcontract price negotiations;

(ii) The most significant considerations controlling establishment of initial or revised prices;

(iii) The reason cost or pricing data were or were not required;

(iv) The extent, if any, to which the Contractor did not rely on the subcontractor's cost or pricing data in determining the price objective and in negotiating the final price;

(v) The extent, if any, to which it was recognized in the negotiation that the subcontractor's cost or pricing data were not accurate, complete, or current; the action taken by the Contractor and subcontractor; and the effect of any such defective data on the total price negotiated;

(vi) The reasons for any significant difference between the Contractor's price objective and the price negotiated; and

(vii) A complete explanation of the incentive fee or profit plan when incentives are used. The explanation shall identify each critical performance element, management decisions used to quantify each incentive element, reasons for the incentives, and a summary of all trade-off possibilities considered.

(d) The Contractor shall obtain the Contracting Officer's written consent before placing any subcontract for which advance notification is required under paragraph (b) above. However, the Contracting Officer may ratify in writing any such subcontract. Ratification shall constitute the consent of the Contracting Officer.

(e) Even if the Contractor's purchasing system has been approved, the Contractor shall obtain the Contracting Officer's written consent before placing subcontracts that have been selected for special surveillance and so identified in the Schedule of this contract.

(f) Unless the consent or approval specifically provides otherwise, neither consent by the Contracting Officer to any subcontract nor approval of the Contractor's purchasing system shall constitute a determination (1) of the acceptability of any subcontract terms or conditions, (2) of the acceptability of any subcontract price or of any amount paid under any subcontract, or (3) to relieve the Contractor of any responsibility for performing this contract.

(g) No subcontract placed under this contract shall provide for payment on a cost-plus-a-percentage-of-cost basis, and any fee payable under cost-reimbursement subcontracts shall not exceed the fee limitations in subsection 15.903(d) of the Federal Acquisition Regulation (FAR).

(h) The Government reserves the right to review the Contractor's purchasing system as set forth in FAR Subpart 44.3.

76. DEAR 952.245-2 GOVERNMENT PROPERTY (FIXED-PRICE CONTRACTS) (DEC 1989)

(a) Government-furnished property. (1) The Government shall deliver to the Contractor, for use in connection with and under the terms of this contract, the Government-furnished property described in the Schedule or specifications together with any related data and information that the Contractor may request and is reasonably required for the intended use of the property (hereinafter referred to as "Government-furnished property").

(2) The delivery or performance dates for this contract are based upon the expectation that Government-furnished property suitable for use (except for property furnished "as-is") will be delivered to the Contractor at the times stated in the Schedule, or, if not so stated, in sufficient time to enable the Contractor to meet the contract's delivery or performance dates.

(3) If Government-f ished property is received by the Contractor in a condition uitable for the intended use, the Contractor shall, upon receipt of it, notify the Contracting Officer, detailing the facts, and, as directed by the Contracting Officer and at Government expense, either repair, modify, return, or otherwise dispose of the property. After completing the directed action and upon written request of the Contractor, the Contracting Officer shall make an equitable adjustment as provided in paragraph (h) of this clause.

(4) If Government-furnished property is not delivered to the Contractor by the required time, the Contracting Officer shall, upon the Contractor's timely written request, make a determination of the delay, if any, caused the Contractor and shall make an equitable adjustment in accordance with paragraph (h) of this clause.

(b) Changes in Government-furnished property. (1) The Contracting Officer may, by written notice, (i) decrease the Government-furnished property provided or to be provided under this contract, or (ii) substitute other Government-furnished property for the property to be provided by the Government, or to be acquired by the Contractor for the Government, under this contract. The Contractor shall promptly take such action as the Contracting Officer may direct regarding the removal, shipment, or disposal of the property covered by such notice.

(2) Upon the Contractor's written request, the Contracting Officer shall make an equitable adjustment to the contract in accordance with paragraph (h) of this clause, if the Government has agreed in the Schedule to make the property available for performing this contract and there is any–

(i) Decrease or substitution in this property pursuant to subparagraph (b)(1) above; or

(ii) Withdrawal of authority to use this property, if provided under any other contract or lease.

(c) Title in Government property. (1) The Government shall retain title to all Government-furnished property.

(2) All Government-furnished property and all property acquired by the Contractor, title to which vests in the Government under this paragraph (collectively referred to as "Government property"), are subject to the provisions of this clause. However, special tooling accountable to this contract is subject to the provisions of the Special Tooling clause and is not subject to the provisions of this clause. Title to Government property shall not be affected by its incorporation into or attachment to any property not owned by the Government, nor shall Government property become a fixture or lose its identity as personal property by being attached to any real property.

(3) Title to each item of facilities and special test equipment acquired by the Contractor for the Government under this contract shall pass to and vest in the Government when its use in performing this contract commences or when the Government has paid for it, whichever is earlier, whether or not title previously vested in the Government.

(4) If this contract contains a provision directing the Contractor to purchase material for which the Government will reimburse the Contractor as a direct item of cost under this contract–

(i) Title to material purchased from a vendor shall pass to and vest in the Government upon the vendor's delivery of such material; and

(ii) Title to all other material shall pass to and vest in the Government upon–

(A) Issuance of the material for use in contract performance;

(B) Commencement of processing of the material or its use in contract performance; or

(C) Reimbursement of the cost of the material by the Government, whichever occurs first.

(d) Use of Government property. The Government property shall be used only for performing this contract, unless otherwise provided in this contract or approved by the Contracting Officer.

(e) Property administration. (1) The Contractor shall be responsible and accountable for all Government property provided under this contract and shall comply with Federal Acquisition Regulation (FAR) Subpart 45.5 and DOE Acquisition Regulation 945.5, as if effect on the date of this contract.

(2) The Contractor shall establish and maintain a program for the use, maintenance, repair, protection, and preservation of Government property in accordance with sound industrial practice and the applicable provisions of Subpart 45.5 of the FAR and DOE Acquisition Regulation 945.5.

(3) If damage occurs to Government property, the risk of which has been assumed by the Government under this contract, the Government shall replace the items or the Contractor shall make such repairs as the Government directs. However, if the Contractor cannot effect such repairs within the time required, the Contractor shall dispose of the property as directed by the Contracting Officer. When any property for which the Government is responsible is replaced or repaired, the Contracting Officer shall make an equitable adjustment in accordance with paragraph (h) of this clause.

(4) The Contractor represents that the contract price does not include any amount for repairs or replacement for which the Government is responsible. Repair or replacement of property for which the Contractor is responsible shall be accomplished by the Contractor at its own expense.

(f) Access. The Government and all its designees shall have access at all reasonable times to the premises in which any Government property is located for the purpose of inspecting the Government property.

(g) Risk of loss. Unless otherwise provided in this contract, the Contractor assumes the risk of, and shall be responsible for, any loss or destruction of, or damage to, Government property upon its delivery to the Contractor or upon passage of title to the Government under paragraph (c) of this clause. However, the Contractor is not responsible for reasonable wear and tear to Government property or for Government property properly consumed in performing this contract.

(h) Equitable adjustment. When this clause specifies an equitable adjustment, it shall be made to any affected contract provision in accordance with the procedures of the Changes clause. When appropriate, the Contracting Officer may initiate an equitable adjustment in favor of the Government. The right to an equitable adjustment shall be the Contractor's exclusive remedy. The Government shall not be liable to suit for breach of contract for–

(1) Any delay in delivery of Government-furnished property;

(2) Delivery of Government-furnished property in a condition not suitable for its intended use;

(3) A decrease in or substitution of Government-furnished property; or

(4) Failure to repair or replace Government property for which the Government is responsible.

(i) Final accounting and disposition of Government property. Upon completing this contract, or at such earlier dates as may be fixed by the Contracting Officer, the Contractor shall submit, in a form acceptable to the Contracting Officer, inventory schedules covering all items of Government property (including any resulting scrap) not consumed in performing this contract or delivered to the Government. The Contractor shall prepare for shipment, deliver f.o.b. origin, or dispose of the Government property as may be directed or authorized by the Contracting Officer. The net proceeds of any such disposal shall be credited to the contract price or shall be paid to the Government as the Contracting Officer directs.

(j) Abandonment and restoration of Contractor's premises. Unless otherwise provided herein, the Government–

(1) May abandon any Government property in place, at which time all obligations of the Government regarding such abandoned property shall cease; and

(2) Has no obligation to restore or rehabilitate the Contractor's premises under any circumstances (e.g., abandonment, disposition upon completion of need, or upon contract completion). However, if the Government-furnished property (listed in the Schedule or specifications) is withdrawn or is unsuitable for the intended use, or if other Government property is substituted, then the equitable adjustment under paragraph (h) of this clause may properly include restoration or rehabilitation costs.

(k) Communications. All communications under this clause shall be in writing.

(l) Overseas contracts. If this contract is to be performed outside of the United States of America, its territories, or possessions, the words "Government" and "Government-furnished" (wherever they appear in this clause) shall be construed as "United States Government" and "United States Government-furnished," respectively.

77. FAR 52.246-12 INSPECTION OF CONSTRUCTION (JUL 1986)

(a) Definition. "Work" includes, but is not limited to, materials, workmanship, and manufacture and fabrication of components.

(b) The Contractor shall maintain an adequate inspection system and perform such inspections as will ensure that the work performed under the contract conforms to contract requirements. The Contractor shall maintain complete inspection records and make them available to the Government. All work shall be conducted under the general direction of the Contracting Officer and is subject to Government inspection and test at all places and at all reasonable times before acceptance to ensure strict compliance with the terms of the contract.

(c) Government inspections and tests are for the sole benefit of the Government and do not–

(1) Relieve the Contractor of responsibility for providing adequate quality control measures;

(2) Relieve the Contractor of responsibility for damage to or loss of the material before acceptance;

(3) Constitute or imply acceptance; or

(4) Affect the continuing rights of the Government after acceptance of the completed work under paragraph (i) below.

(d) The presence or absence of a Government inspector does not relieve the Contractor from any contract requirement, nor is the inspector authorized to change any term or condition of the specification without the Contracting Officer's written authorization.

(e) The Contractor shall promptly furnish, without additional charge, all facilities, labor, and material reasonably needed for performing such safe and convenient inspections and tests as may be required by the Contracting Officer. The Government may charge to the Contractor any additional cost of inspection or test when work is not ready at the time specified by the Contractor for inspection or test, or when prior rejection makes reinspection or retest necessary. The Government shall perform all inspections and tests in a manner that will not unnecessarily delay the work. Special, full size, and performance tests shall be performed as described in the contract.

(f) The Contractor shall without charge replace or correct work found by the Government not to conform to contract requirements, unless in the public interest the Government consents to accept the work with an appropriate adjustment in contract price. The Contractor shall promptly segregate and remove rejected material from the premises.

(g) If the Contractor does not promptly replace or correct rejected work, the Government may (1) by contract or otherwise, replace or correct the work and charge the cost to the Contractor or (2) terminate for default the Contractor's right to proceed.

(h) If, before acceptance of the entire work, the Government decides to examine already completed work by removing it or tearing it out, the Contractor, on request, shall promptly furnish all necessary facilities, labor, and material. If the work is found to be

defective or nonconforming in any material ect due to the fault of the Contractor or its subcontractors, the contractor shall defray the expenses of the examination and of satisfactory reconstruction. However, if the work is found to meet contract requirements, the Contracting Officer shall make an equitable adjustment for the additional services involved in the examination and reconstruction, including, if completion of the work was thereby delayed, an extension of time.

(i) Unless otherwise specified in the contract, the Government shall accept, as promptly as practicable after completion and inspection, all work required by the contract or that portion of the work the Contracting Officer determines can be accepted separately. Acceptance shall be final and conclusive except for latent defects, fraud, gross mistakes amounting to fraud, or the Government's rights under any warranty or guarantee.

78. FAR 52.246-21 WARRANTY OF CONSTRUCTION (APR 1984)

(a) In addition to any other warranties in this contract, the Contractor warrants, except as provided in paragraph (j) of this clause, that work performed under this contract conforms to the contract requirements and is free of any defect in equipment, material, or design furnished, or workmanship performed by the Contractor or any subcontractor or supplier at any tier.

(b) This warranty shall continue for a period of 1 year from the date of final acceptance of the work. If the Government takes possession of any part of the work before final acceptance, this warranty shall continue for a period of 1 year from the date the Government takes possession.

(c) The Contractor shall remedy at the Contractor's expense any failure to conform, or any defect. In addition, the Contractor shall remedy at the Contractor's expense any damage to Government-owned or controlled real or personal property, when that damage is the result of–

(1) The Contractor's failure to conform to contract requirements; or

(2) Any defect of equipment, material, workmanship, or design furnished.

(d) The Contractor shall restore any work damaged in fulfilling the terms and conditions of this clause. The Contractor's warranty with respect to work repaired or replaced will run for 1 year from the date of repair or replacement.

(e) The Contracting Officer shall notify the Contractor, in writing, within a reasonable time after the discovery of any failure, defect, or damage.

(f) If the Contractor fails to remedy any failure, defect, or damage within a reasonable time after receipt of notice, the Government shall have the right to replace, repair, or otherwise remedy the failure, defect, or damage at the Contractor's expense.

(g) With respect to all warranties, express or implied, from subcontractors, manufacturers, or suppliers for work performed and material furnished under this contract, the Contractor shall–

(1) Obtain all warranties that would be given in normal commercial practices;

(2) Require all warranties to be executed, in writing, for the benefit of the Government, if directed by the Contracting Officer; and

(3) Enforce all warranties for the benefit of the Government, if directed by the Contracting Officer.

(h) In the event the Contractor's warranty under paragraph (b) of this clause has expired, the Government may bring suit at its expense to enforce a subcontractor's, manufacturer's, or supplier's warranty.

(i) Unless a defect is caused by the negligence of the Contractor or subcontractor or supplier at any tier, the Contractor shall not be liable for the repair of any defects of material or design furnished by the Government nor for the repair of any damage that results from any defect in Government-furnished material or design.

(j) This warranty shall limit the Government's rights under the Inspection and Accep e clause of this contract with respect to latent defects, gross mistakes, or fraud.

79. FAR 52.247-63 PREFERENCE FOR U.S.-FLAG AIR CARRIERS (APR 1984)

(a) "International air transportation," as used in this clause, means transportation by air between a place in the United States and a place outside the United States or between two places both of which are outside the United States.

"United States," as used in this clause, means the 50 States, the District of Columbia, the Commonwealth of Puerto Rico, and possessions of the United States.

"U.S.-flag air carrier," as used in this clause, means an air carrier holding a certificate under section 401 of the Federal Aviation Act of 1958 (49 U.S.C. 1371).

(b) Section 5 of the International Air Transportation Fair Competitive Practices Act of 1974 (49 U.S.C. 1517) (Fly America Act) requires that all Federal agencies and Government contractors and subcontractors use U.S.-flag air carriers for U.S. Government-financed international air transportation of personnel (and their personal effects) or property, to the extent that service by those carriers is available. It requires the Comptroller General of the United States, in the absence of satisfactory proof of the necessity for foreign-flag air transportation, to disallow expenditures from funds, appropriated or otherwise established for the account of the United States, for international air transportation secured aboard a foreign-flag air carrier if a U.S.-flag air carrier is available to provide such services.

(c) The Contractor agrees, in performing work under this contract, to use U.S.-flag air carriers for international air transportation of personnel (and their personal effects) or property to the extent that service by those carriers is available.

(d) In the event that the Contractor selects a carrier other than a U.S.-flag air carrier for international air transportation, the Contractor shall include a certification on vouchers involving such transportation essentially as follows:

CERTIFICATION OF UNAVAILABILITY OF U.S.-FLAG AIR CARRIERS

I hereby certify that international air transportation of persons (and their personal effects) or property by U.S.-flag air carrier was not available or it was necessary to use foreign-flag air carrier service for the following reasons (see section 47.403 of the Federal Acquisition Regulation):

State reasons: . . . . . .

(End of certification)

(e) The Contractor shall include the substance of this clause, including the paragraph (e), in each subcontract or purchase order under this contract that may involve international air transportation.

80. FAR 52.247-64 PREFERENCE FOR PRIVATELY OWNED U.S.-FLAG COMMERCIAL VESSELS (APR 1984)

(a) The Cargo Preference Act of 1954 (46 U.S.C. 1241(b)) requires that Federal departments and agencies shall transport in privately owned U.S.-flag commercial vessels at least 50 percent of the gross tonnage of equipment, materials, or commodities that may be transported in ocean vessels (computed separately for dry bulk carriers, dry cargo liners, and tankers). Such transportation shall be accomplished when any equipment, materials, or commodities, located within or outside the United States, that may be transported by ocean vessel are:

(1) Acquired for a U.S. Government agency account;

(2) Furnished to, or for the account of, any foreign nation without provision for reimbursement;

(3) Furnished for the account of a foreign nation in connection with which the United States advances funds or credits, or guarantees the convertibility of foreign currencies; or

(4) Acquired with advance of funds, loans, or guaranties made by or on behalf of the United States.

(b) The Contractor shall use privately r d U.S.-flag commercial vessels to ship at least 50 per..t of the gross tonnage involved under this contract (computed separately for dry bulk carriers, dry cargo liners, and tankers) whenever shipping any equipment, materials, or commodities under the conditions set forth in paragraph (a) above, to the extent that such vessels are available at rates that are fair and reasonable for privately owned U.S.-flag commercial vessels.

(c) (1) The Contractor shall submit one legible copy of a rated on-board ocean bill of lading for each shipment to both (i) the Contracting Officer and (ii) the Division of National Cargo, Office of Market Development, Maritime Administration, U.S. Department of Transportation, Washington, DC 20590. Subcontractor bills of lading shall be submitted through the Prime Contractor.

(2) The Contractor shall furnish these bill of lading copies (i) within 20 working days of the date of loading for shipments originating in the United States or (ii) within 30 working days for shipments originating outside the United States. Each bill of lading copy shall contain the following information:

(A) Sponsoring U.S. Government agency.
(B) Name of vessel.
(C) Vessel flag of registry.
(D) Date of loading.
(E) Port of loading.
(F) Port of final discharge.
(G) Description of commodity.
(H) Gross weight in pounds and cubic feet if available.
(I) Total ocean freight revenue in U.S. dollars.

(d) Except for small purchases as described in 48 CFR 13, the Contractor shall insert the substance of this clause, including this paragraph (d), in all subcontracts or purchase orders under this contract.

(e) The requirement in paragraph (a) does not apply to–

(1) Small purchases as defined in 48 CFR 13;

(2) Cargoes carried in vessels of the Panama Canal Commission or as required or authorized by law or treaty;

(3) Ocean transportation between foreign countries of supplies purchased with foreign currencies made available, or derived from funds that are made available, under the Foreign Assistance Act of 1961 (22 U.S.C. 2353); and

(4) Shipments of classified supplies when the classification prohibits the use of non-Government vessels.

(f) Guidance regarding fair and reasonable rates for privately owned U.S.-flag commercial vessels may be obtained from the Division of National Cargo, Office of Market Development, Maritime Administration, U.S. Department of Transportation, Washington, DC 20590, Phone: 202-426-4610.

81. DEAR 952.247-70 FOREIGN TRAVEL (APR 1984)

(a) Foreign travel, when charged directly, shall be subject to the prior approval of the contracting officer for each separate trip regardless of whether funds for such travel are contained in an approved budget. Foreign travel is defined as any travel outside of Canada and the United States and its territories and possessions.

(b) Request for approval shall be submitted at least 45 days prior to the planned departure date, be on a Request for Approval of Foreign Travel form, and when applicable, include a notification of proposed soviet-bloc travel.

82. FAR 52.248-3 VALUE ENGINEERING–CONSTRUCTION (MAR 1989)

NOTE: This clause is only applicable if the contract price exceeds $100,000 unless otherwise specified in the contract.

(a) General. The Contractor is encouraged to develop, prepare, and submit value engineering change proposals (VECP's) voluntarily. The Contractor shall share in any instant contract savings realized from ac ed VECP's, in accordance with paragraph (f) below.

(b) Definitions.

"Collateral costs," as used in this clause, means agency costs of operation, maintenance, logistic support, or Government-furnished property.

"Collateral savings," as used in this clause, means those measurable net reductions resulting from a VECP in the agency's overall projected collateral costs, exclusive of acquisition savings, whether or not the acquisition cost changes.

"Contractor's development and implementation costs," as used in this clause, means those costs the Contractor incurs on a VECP specifically in developing, testing, preparing, and submitting the VECP, as well as those costs the Contractor incurs to make the contractual changes required by Government acceptance of a VECP.

"Government costs," as used in this clause, means those agency costs that result directly from developing and implementing the VECP, such as any net increases in the cost of testing, operations, maintenance, and logistic support. The term does not include the normal administrative costs of processing the VECP.

"Instant contract savings," as used in this clause, means the estimated reduction in Contractor cost of performance resulting from acceptance of the VECP, minus allowable Contractor's development and implementation costs, including subcontractors' development and implementation costs (see paragraph (h) below).

"Value engineering change proposal (VECP)" means a proposal that–

(1) Requires a change to this, the instant contract, to implement; and

(2) Results in reducing the contract price or estimated cost without impairing essential functions or characteristics; provided, that it does not involve a change–

(i) In deliverable end item quantities only; or
(ii) To the contract type only.

(c) VECP preparation. As a minimum, the Contractor shall include in each VECP the information described in subparagraphs (1) through (7) below. If the proposed change is affected by contractually required configuration management or similar procedures, the instructions in those procedures relating to format, identification, and priority assignment shall govern VECP preparation. The VECP shall include the following:

(1) A description of the difference between the existing contract requirement and that proposed, the comparative advantages and disadvantages of each, a justification when an item's function or characteristics are being altered, and the effect of the change on the end item's performance.

(2) A list and analysis of the contract requirements that must be changed if the VECP is accepted, including any suggested specification revisions.

(3) A separate, detailed cost estimate for (i) the affected portions of the existing contract requirement and (ii) the VECP. The cost reduction associated with the VECP shall take into account the Contractor's allowable development and implementation costs, including any amount attributable to subcontracts under paragraph (h) below.

(4) A description and estimate of costs the Government may incur in implementing the VECP, such as test and evaluation and operating and support costs.

(5) A prediction of any effects the proposed change would have on collateral costs to the agency.

(6) A statement of the time by which a contract modification accepting the VECP must be issued in order to achieve the maximum cost reduction, noting any effect on the contract completion time or delivery schedule.

(7) Identification of any previous submissions of the VECP, including the dates submitted, the agencies and contract numbers involved, and previous Government actions, if known.

(d) Submission. The Contractor shall su VECP's to the Resident Engineer at the worksite, with a cop, .o the Contracting Officer.

(e) Government action.

(1) The Contracting Officer shall notify the Contractor of the status of the VECP within 45 calendar days after the contracting office receives it. If additional time is required, the Contracting Officer shall notify the Contractor within the 45-day period and provide the reason for the delay and the expected date of the decision. The Government will process VECP's expeditiously; however, it shall not be liable for any delay in acting upon a VECP.

(2) If the VECP is not accepted, the Contracting Officer shall notify the Contractor in writing,explaining the reasons for rejection. The Contractor may withdraw any VECP, in whole or in part, at any time before it is accepted by the Government. The Contracting Officer may require that the Contractor provide written notification before undertaking significant expenditures for VECP effort.

(3) Any VECP may be accepted, in whole or in part, by the Contracting Officer's award of a modification to this contract citing this clause. The Contracting Officer may accept the VECP, even though an agreement on price reduction has not been reached, by issuing the Contractor a notice to proceed with the change. Until a notice to proceed is issued or a contract modification applies a VECP to this contract, the Contractor shall perform in accordance with the existing contract. The Contracting Officer's decision to accept or reject all or part of any VECP shall be final and not subject to the Disputes clause or otherwise subject to litigation under the Contract Disputes Act of 1978 (41 U.S.C. 601-613).

(f) Sharing. (1) Rates. The Government's share of savings is determined by subtracting Government costs from instant contract savings and multiplying the result by (i) 45 percent for fixed-price contracts or (ii) 75 percent for cost-reimbursement contracts.

(2) Payment. Payment of any share due the Contractor for use of a VECP on this contract shall be authorized by a modification to this contract to—

(i) Accept the VECP;

(ii) Reduce the contract price or estimated cost by the amount of instant contract savings; and

(iii) Provide the Contractor's share of savings by adding the amount calculated to the contract price or fee.

(g) Collateral savings. If a VECP is accepted, the instant contract amount shall be increased by 20 percent of any projected collateral savings determined to be realized in a typical year of use after subtracting any Government costs not previously offset. However, the Contractor's share of collateral savings shall not exceed (1) the contract's firm-fixed-price or estimated cost, at the time the VECP is accepted, or (2) $100,000, whichever is greater. The Contracting Officer shall be the sole determiner of the amount of collateral savings, and that amount shall not be subject to the Disputes clause or otherwise subject to litigation under 41 U.S.C. 601-613.

(h) Subcontracts. The Contractor shall include an appropriate value engineering clause in any subcontract of $50,000 or more and may include one in subcontracts of lesser value. In computing any adjustment in this contract's price under paragraph (f) above, the Contractor's allowable development and implementation costs shall include any subcontractor's allowable development and implementation costs clearly resulting from a VECP accepted by the Government under this contract, but shall exclude any value engineering incentive payments to a subcontractor. The Contractor may choose any arrangement for subcontractor value engineering incentive payments; provided, that these payments shall not reduce the Government's share of the savings resulting from the VECP.

(i) Data. The Contractor may restrict the Government's right to use any part of a VECP or the supporting data by marking the following legend on the affected parts:

"These data, furnished under the Value Engineering-Construction clause of contract....., shall not be disclosed outside the Government or licated, used, or disclosed, in whole or in part, for any purpose r than to evaluate a value engineering change proposal submitted under the clause. This restriction does not limit the Government's right to use information contained in these data if it has been obtained or is otherwise available from the Contractor or from another source without limitations."

If a VECP is accepted, the Contractor hereby grants the Government unlimited rights in the VECP and supporting data, except that, with respect to data qualifying and submitted as limited rights technical data, the Government shall have the rights specified in the contract modification implementing the VECP and shall appropriately mark the data. (The terms "unlimited rights" and "limited rights" are defined in Part 27 of the Federal Acquisition Regulation.)

83. FAR 52.249-2 TERMINATION FOR CONVENIENCE OF THE GOVERNMENT– (FIXED-PRICE) ALTERNATE I (APR 1984)

(a) The Government may terminate performance of work under this contract in whole or, from time to time, in part if the Contracting Officer determines that a termination is in the Government's interest. The Contracting Officer shall terminate by delivering to the Contractor a Notice of Termination specifying the extent of termination and the effective date.

(b) After receipt of a Notice of Termination, and except as directed by the Contracting Officer, the Contractor shall immediately proceed with the following obligations, regardless of any delay in determining or adjusting any amounts due under this clause:

(1) Stop work as specified in the notice.

(2) Place no further subcontracts or orders (referred to as subcontracts in this clause) for materials, services, or facilities, except as necessary to complete the continued portion of the contract.

(3) Terminate all subcontracts to the extent they relate to the work terminated.

(4) Assign to the Government, as directed by the Contracting Officer, all right, title, and interest of the Contractor under the subcontracts terminated, in which case the Government shall have the right to settle or to pay any termination settlement proposal arising out of those terminations.

(5) With approval or ratification to the extent required by the Contracting Officer, settle all outstanding liabilities and termination settlement proposals arising from the termination of subcontracts; the approval or ratification will be final for purposes of this clause.

(6) As directed by the Contracting Officer, transfer title and deliver to the Government (i) the fabricated or unfabricated parts, work in process, completed work, supplies, and other material produced or acquired for the work terminated, and (ii) the completed or partially completed plans, drawings, information, and other property that, if the contract had been completed, would be required to be furnished to the Government.

(7) Complete performance of the work not terminated.

(8) Take any action that may be necessary, or that the Contracting Officer may direct, for the protection and preservation of the property related to this contract that is in the possession of the Contractor and in which the Government has or may acquire an interest.

(9) Use its best efforts to sell, as directed or authorized by the Contracting Officer, any property of the types referred to in subparagraph (6) above; provided, however, that the Contractor (i) is not required to extend credit to any purchaser and (ii) may acquire the property under the conditions prescribed by, and at prices approved by, the Contracting Officer. The proceeds of any transfer or disposition will be applied to reduce any payments to be made by the Government under this contract, credited to the price or cost of the work, or paid in any other manner directed by the Contracting Officer.

(c) After expiration of the plant clear period as defined in Subpart 45.6 of the Federal Acquisition Regulation, the Contractor may submit to the Contracting Officer a list, certified as to quantity and quality, of termination inventory not previously disposed of, excluding items authorized for disposition by the Contracting Officer. The Contractor may request the Government to remove those items or enter into an agreement for their storage. Within 15 days, the Government will accept title to those items and remove them or enter into a storage agreement. The Contracting Officer may verify the list upon removal of the items, or if stored, within 45 days from submission of the list, and shall correct the list, as necessary, before final settlement.

(d) After termination, the Contractor shall submit a final termination settlement proposal to the Contracting Officer in the form and with the certification prescribed by the Contracting Officer. The Contractor shall submit the proposal promptly, but no later than 1 year from the effective date of termination, unless extended in writing by the Contracting Officer upon written request of the Contractor within this 1-year period. However, if the Contracting Officer determines that the facts justify it, a termination settlement proposal may be received and acted on after 1 year or any extension. If the Contractor fails to submit the proposal within the time allowed, the Contracting Officer may determine, on the basis of information available, the amount, if any, due the Contractor because of the termination and shall pay the amount determined.

(e) Subject to paragraph (d) above, the Contractor and the Contracting Officer may agree upon the whole or any part of the amount to be paid because of the termination. The amount may include a reasonable allowance for profit on work done. However, the agreed amount, whether under this paragraph (e) or paragraph (f) below, exclusive of costs shown in subparagraph (f)(3) below, may not exceed the total contract price as reduced by (a) the amount of payments previously made and (2) the contract price of work not terminated. The contract shall be amended, and the Contractor paid the agreed amount. Paragraph (f) below shall not limit, restrict, or affect the amount that may be agreed upon to be paid under this paragraph.

(f) If the Contractor and Contracting Officer fail to agree on the whole amount to be paid the Contractor because of the termination of work, the Contracting Officer shall pay the Contractor the amounts determined as follows, but without duplication of any amounts agreed upon under paragraph (e) above:

(1) For contract work performed before the effective date of termination, the total (without duplication of any items) of–

(i) The cost of this work;

(ii) The cost of settling and paying termination settlement proposals under terminated subcontracts that are properly chargeable to the terminated portion of the contract if not included in subdivision (i) above; and

(iii) A sum, as profit on (i) above, determined by the Contracting Officer under 49.202 of the Federal Acquisition Regulation, in effect on the date of this contract, to be fair and reasonable; however, if it appears that the Contractor would have sustained a loss on the entire contract had it been completed, the Contracting Officer shall allow no profit under this subdivision (iii) and shall reduce the settlement to reflect the indicated rate of loss..

(2) The reasonable costs of settlement of the work terminated, including–

(i) Accounting, legal, clerical, and other expenses reasonably necessary for the preparation of termination settlement proposals and supporting data;

(ii) The termination and settlement of subcontracts (excluding the amounts of such settlements); and

(iii) Storage, transportation, and other costs incurred, reasonably necessary for the preservation, protection, or disposition of the termination inventory.

(g) Except for normal spoilage, and except to the extent that the Government expressly assumed the risk of loss, the Contracting Officer shall exclude from the amounts payable to the Contractor under paragraph (f) above, the fair value, as determined by the Contracting Officer, of property that is destroyed, lost, stolen, or damaged so as to become undeliverable to the Government or to a buyer.

(h) The cost principles and procedures of Part 31 of the Federal Acquisition Regulation, in effect on the date of this contract, shall govern all costs claimed, agreed to, or determined under this clause.

(i) The Contractor shall have the right of appeal, under the Disputes clause, from any determination made by the Contracting Officer under paragraph (d), (f), or (k), except that if the Contractor failed to submit the termination settlement proposal within the time provided in paragraph (d) or (k), and failed to request a time extension, there is no right of appeal. If the Contracting Officer has made a determination of the amount due under paragraph (d), (f), or (k), the Government shall pay the Contractor (1) the amount determined by the Contracting Officer if there is no right of appeal or if no timely appeal has been taken, or (2) the amount finally determined on an appeal.

(j) In arriving at the amount due the Contractor under this clause, there shall be deducted–

(1) All unliquidated advance or other payments to the Contractor under the terminated portion of this contract;

(2) Any claim which the Government has against the Contractor under this contract; and

(3) The agreed price for, or the proceeds of sale of, materials, supplies, or other things acquired by the Contractor or sold under the provisions of this clause and not recovered by or credited to the Government.

(k) If the termination is partial, the Contractor may file a proposal with the Contracting Officer for an equitable adjustment of the price(s) of the continued portion of the contract. The Contracting Officer shall make any equitable adjustment agreed upon. Any proposal by the Contractor for an equitable adjustment under this clause shall be requested within 90 days from the effective date of termination unless extended in writing by the Contracting Officer.

(l) (1) The Government may, under the terms and conditions it prescribes, make partial payments and payments against costs incurred by the Contractor for the terminated portion of the contract, if the Contracting Officer believes the total of these payments will not exceed the amount to which the Contractor will be entitled.

(2) If the total payments exceed the amount finally determined to be due, the Contractor shall repay the excess to the Government upon demand, together with interest computed at the rate established by the Secretary of the Treasury under 50 U.S.C. App. 1215(b)(2). Interest shall be computed for the period from the date the excess payment is received by the Contractor to the date the excess is repaid. Interest shall not be charged on any excess payment due to a reduction in the Contractor's termination settlement proposal because of retention or other disposition of termination inventory until 10 days after the date of the retention or disposition, or a later date determined by the Contracting Officer because of the circumstances.

(m) Unless otherwise provided in this contract or by statute, the Contractor shall maintain all records and documents relating to the terminated portion of this contract for 3 years after final settlement. This includes all books and other evidence bearing on the Contractor's costs and expenses under this contract. The Contractor shall make these records and documents available to the Government, at the Contractor's office, at all reasonable times, without any direct charge. If approved by the Contracting Officer, photographs, microphotographs, or other authentic reproductions may be maintained instead of original records and documents.

84. FAR 52.249-10 DEFAULT-FIXED-PRI CONSTRUCTION (APR 1984)

(a) If the Contractor refuses or fails to prosecute the work or any separable part, with the diligence that will insure its completion within the time specified in this contract including any extension, or fails to complete the work within this time, the Government may, by written notice to the Contractor, terminate the right to proceed with the work (or the separable part of the work) that has been delayed. In this event, the Government may take over the work and complete it by contract or otherwise, and may take possession of and use any materials, appliances, and plant on the work site necessary for completing the work. The Contractor and its sureties shall be liable for any damage to the Government resulting from the Contractor's refusal or failure to complete the work within the specified time, whether or not the Contractor's right to proceed with the work is terminated. This liability includes any increased costs incurred by the Government in completing the work.

(b) The Contractor's right to proceed shall not be terminated nor the Contractor charged with damages under this clause, if–

(1) The delay in completing the work arises from unforeseeable causes beyond the control and without the fault or negligence of the Contractor. Examples of such causes include (i) acts of God or of the public enemy, (ii) acts of the Government in either its sovereign or contractual capacity, (iii) acts of another Contractor in the performance of a contract with the Government, (iv) fires, (v) floods, (vi) epidemics, (vii) quarantine restrictions, (viii) strikes, (ix) freight embargoes, (x) unusually severe weather, or (xi) delays of subcontractors or suppliers at any tier arising from unforeseeable causes beyond the control and without the fault or negligence of both the Contractor and the subcontractors or suppliers; and

(2) The Contractor, within 10 days from the beginning of any delay (unless extended by the Contracting Officer), notifies the Contracting Officer in writing of the causes of delay. The Contracting Officer shall ascertain the facts and the extent of delay. If, in the judgment of the Contracting Officer, the findings of fact warrant such action, the time for completing the work shall be extended. The findings of the Contracting Officer shall be final and conclusive on the parties, but subject to appeal under the Disputes clause.

(c) If, after termination of the Contractor's right to proceed, it is determined that the Contractor was not in default, or that the delay was excusable, the rights and obligations of the parties will be the same as if the termination had been issued for the convenience of the Government.

(d) The rights and remedies of the Government in this clause are in addition to any other rights and remedies provided by law or under this contract.

85. DOE PR 9-9.102-1 AUTHORIZATION AND CONSENT (JUN 1979)

The Government hereby gives its authorization and consent (without prejudice to any rights of indemnification) for all use and manufacture, in the performance of this contract or any part hereof or any amendment hereto or any subcontract hereunder (including any lower-tier subcontract), of any invention described in and covered by a patent of the United States (a) embodied in the structure or composition of any article the delivery of which is accepted by the Government under this contract or (b) utilized in the machinery, tools or methods, the use of which necessarily results from compliance by the contractor or the using subcontractor with (i) specifications or written provisions now or hereafter forming a part of this contract, or (ii) specific written instructions given by the Contracting Officer directing the manner of performance. The entire liability to the Government for infringement of a patent of the United States shall be determined solely by the provisions of the indemnity clauses, if any, included in this contract or any subcontract hereunder (including all lower-tier subcontracts), and the Go ment assumes liability for all other infringement to the extent e authorization and consent hereinabove granted.

86. DOE PR 9-9.103-1 PATENT INDEMNITY (JUN 1979)

NOTE: This clause applies to this contract if the award resulted from sealed bidding.

If the amount of this contract is in excess of $10,000 the contractor shall indemnify the Government and its officers, agents, and employees against liability, including costs, for infringement of any United States letters patent (except U.S. letters patent issued upon an application which is now or may hereafter be kept secret or otherwise withheld from issue by order of the Government) arising out of the manufacture or delivery of supplies or out of construction, alteration, modification, or repair of real property (hereinafter referred to as "construction work") under this contract, or out of the use or disposal by or for the account of the Government of such supplies or construction work. The foregoing indemnity shall not apply unless the contractor shall have been informed as soon as practicable by the Government of the suit or action alleging such infringement, and shall have been given such opportunity as is afforded by applicable laws, rules, or regulations to participate in the defense thereof; and further, such indemnity shall not apply to:

(a) an infringement resulting from compliance with specific written instructions of the Contracting Officer directing a change in the supplies to be delivered or in the materials or equipment to be used, or directing a manner of performance of the contract not normally used by the contractor;

(b) an infringement resulting from addition to or change in, such supplies or components furnished or construction work performed which addition or change was made subsequent to delivery or performance by the contractor; or

(c) a claimed infringement which is settled without the consent of the contractor, unless required by final decree of a court of competent jurisdiction.

87. DOE PR 9-9.103-3 PATENT INDEMNITY (JUN 1979)

NOTE: This clause applies to this contract if the contract resulted from negotiation.

The contractor shall indemnify the Government and its officers, agents, and employees against liability, including costs, for infringement of U.S. Letters Patent (except U.S. Letters Patent issued upon an application which is now or may hereafter be kept secret or otherwise withheld from issue by order of the Government) resulting from the contractor's:

(a) furnishing or supplying standard parts or components which have been sold or offered for sale to public on the commercial open market; or

(b) utilizing its normal practices or methods which normally are or have been used in providing goods and services in the commercial open market, in the performance of the contract; or

(c) utilizing any parts, components, practices, or methods to the extent to which the contractor has secured indemnification from liability. The foregoing indemnity shall not apply unless the contractor shall have been informed as soon as practicable by the Government of the suit or action alleging such infringement, and shall have been given such opportunity as is afforded by applicable laws, rules, or regulations to participate in the defense thereof; and further, such indemnity shall not apply to a claimed infringement which is settled without the consent of the contractor, unless required by final decree of a court of competent jurisdiction or to an infringement resulting from addition to or change in such supplies or components furnished or construction work performed for which addition or change was made subsequent to delivery or performance by the contractor.

88. DOE PR 9-9.104 NOTICE AND AS ANCE REGARDING PATENT AND COPYRIGHT INFRINGEM...T (JUN 1979)

The provisions of this clause shall be applicable only if the amount of this contract exceeds $10,000.

(a) The contractor shall report to the Contracting Officer, promptly and in reasonable written detail, each notice or claim of patent or copyright infringement based on the performance of this contract of which the contractor has knowledge.

(b) In the event of any claim or suit against the Government on account of any alleged patent or copyright infringement arising out of the performance of this contract or out of the use of any supplies furnished or work or services performed hereunder, the contractor shall furnish to the Government when requested by the Contracting Officer, all evidence and information in possession of the contractor pertaining to such suit or claim. Such evidence and information shall be furnished at the expense of the Government except where the contractor has agreed to indemnify the Government.

(c) This clause shall be included in all subcontracts.

89. DOE PR 9-9.110(c) REPORTING OF ROYALTIES (JUN 1979)

If this contract is in an amount which exceeds $10,000 and if any royalty payments are directly involved in the contract or are reflected in the contract price to the Government, the contractor agrees to report in writing to the Patent Counsel (with notification by Patent Counsel to the Contracting Officer) during the performance of this contract and prior to its completion or final settlement, the amount of any royalties or other payments paid or to be paid by it directly to others in connection with the performance of this contract together with the names and addresses of licensors to whom such payments are made and either the patent numbers involved or such other information as will permit the identification of the patents or other basis on which the royalties are to be paid. The approval of DOE of any individual payments or royalties shall not stop the Government at any time from contesting the enforceability, validity or scope of, or title to, any patent under which a royalty or payments are made.

90. FAR 52.227-14 RIGHTS IN DATA–GENERAL-ALTERNATES I AND V (JUN 1987)

NOTE: This clause applies to this contract unless the clause at FAR 52.227-17 is chosen elsewhere in this contract.

(a) Definitions.

"Computer software," as used in this clause, means computer programs, computer data bases, and documentation thereof.

"Data," as used in this clause, means recorded information, regardless of form or the media on which it may be recorded. The term includes technical data and computer software. The term does not include information incidental to contract administration, such as financial, administrative, cost or pricing, or management information.

"Form, fit, and function data," as used in this clause, means data relating to items, components, or processes that are sufficient to enable physical and functional interchangeability, as well as data identifying source, size, configuration, mating, and attachment characteristics, functional characteristics, and performance requirements; except that for computer software it means data identifying source, functional characteristics, and performance requirements but specifically excludes the source code, algorithm, process, formula, and flow charts of the software.

"Limited rights data," as used in this clause, means data (other than computer software) developed at private expense that embody trade secrets or are commercial or financial and confidential or privileged.

"Technical data", as used in this clause, means data (other than computer software) which are of a scientific or technical nature.

"Restricted computer software," as used in this clause, means computer software developed at private expense and that is a trade secret; is commercial c ncial and is confidential or privileged; or is published copyrigh. . computer software; including minor modifications of such computer software. "Unlimited rights," as used in this clause, means the right of the Government to use, disclose, reproduce, prepare derivative works, distribute copies to the public, and perform publicly and display publicly, in any manner and for any purpose, and to have or permit others to do so.

"Limited rights," as used in this clause, means the rights of the Government in limited rights data as set forth in the Limited Rights Notice of subparagraph (g)(2) if included in this clause.

"Restricted rights," as used in this clause, means the rights of the Government in restricted computer software, as set forth in a Restricted Rights Notice of subparagraph (g)(3) if included in this clause, or as otherwise may be provided in a collateral agreement incorporated in and made part of this contract, including minor modifications of such computer software.

(b) Allocation of rights. (1) Except as provided in paragraph (c) below regarding copyright, the Government shall have unlimited rights in–

(i) Data first produced in the performance of this contract;

(ii) Form, fit, and function data delivered under this contract;

(iii) Data delivered under this contract (except for restricted computer software) that constitute manuals or instructional and training material for installation, operation, or routine maintenance and repair items, components, or processes delivered or furnished for use under this contract; and

(iv) All other data delivered under this contract unless provided otherwise for limited-rights data or restricted computer software in accordance with paragraph (g) below.

(2) The Contractor shall have the right to–

(i) Use, release to others, reproduce, distribute, or publish any data first produced or specifically used by the Contractor in the performance of this contract, unless provided otherwise in paragraph (d) below;

(ii) Protect from unauthorized disclosure and use those data which are limited rights data or restricted computer software to the extent provided in paragraph (g) below:

(iii) Substantiate use of, add or correct limited rights, restricted rights, or copyright notices and to take other appropriate action, in accordance with paragraphs (e) and (f) below;and

(iv) Establish claim to copyright subsisting in data first produced in the performance of this contract to the extent provided in subparagraph (c)(1) below.

(c) Copyright. (1) Data first produced in the performance of this contract. Unless provided otherwise in subparagraph (d) below, the Contractor may establish, without prior approval of the Contracting Officer, claim to copyright subsisting in scientific and technical articles based on or containing data first produced in the performance of this contract and published in academic, technical or professional journals, symposia proceedings or similar works. The prior, express written permission of the Contracting Officer is required to establish claim to copyright subsisting in all other data first produced in the performance of this contract. When claim to copyright is made, the Contractor shall affix the applicable copyright notices of 17 U.S.C. 401 or 402 and acknowledgement of Government sponsorship (including contract number) to the data when such data are delivered to the Government, as well as when the data are published or deposited for registration as a published work in the U.S. Copyright Office. For data other than computer software the Contractor grants to the Government, and others acting on its behalf, a paid-up, nonexclusive, irrevocable worldwide license in such copyrighted data to reproduce, prepare derivative works, distribute copies to the public, and perform publicly and display publicly, by or on behalf of the Government. For computer software, the Contractor grants to the Government and others acting in its behalf, a paid-up nonexclusive, irrevocable worldwide license in such copyrighted computers software to reproduce,

prepare derivative works, and perform pub . .nd display publicly by or on behalf of the Government.

(2) Data not first produced in the performance of this contract. The Contractor shall not, without prior written permission of the Contracting Officer, incorporate in data delivered under this contract any data not first produced in the performance of this contract and which contains the copyright notice of 17 U.S.C. 401 and 402, unless the Contractor identifies such data and grants to the Government, or acquires on its behalf, a license of the same scope as set forth in subparagraph (1) above; provided, however, that if such data are computer software the Government shall acquire a copyright license as set forth in subparagraph (g)(3) below if included in this contract or as otherwise may be provided in a collateral agreement incorporated in or made part of this contract.

(3) Removal of copyrights notices. The Government agrees not to remove any copyright notices placed on data pursuant to this paragraph (c), and to include such notices on all reproductions of the data.

(d) Release, publication and use of data. (1) The Contractor shall have the right to use, release to others, reproduce, distribute, or publish any data first produced or specifically used by the Contractor in the performance of this contract, except to the extent such data may be subject to the Federal export control or national security laws or regulations, or unless otherwise provided below in this paragraph or expressly set forth in this contract.

(2) The Contractor agrees that to the extent it receives or is given access to data necessary for the performance of this contract which contain restrictive markings, the Contractor shall treat the data in accordance with such markings unless otherwise specifically authorized in writing by the Contracting Officer.

(3) The Contractor agrees not to establish claim to copyright in computer software first produced in the performance of this contract without prior written permission of the Contracting Officer. When such permission is granted, the Contracting Officer shall specify appropriate terms to assure dissemination of the software. The Contractor shall promptly deliver to the Contracting Officer or to the Patent Counsel designated by the Contracting Officer a duly executed and approved instrument fully confirmatory of all rights to which the Government is entitled, and other terms pertaining to the computer software to which claim to copyright is made.

(e) Unauthorized marking of data. (1) Notwithstanding any other provisions of this contract concerning inspection or acceptance, if any data delivered under this contract are marked with the notices specified in subparagraphs (g)(2) or (g)(3) below and use of such is not authorized by this clause, or if such data bears any other restrictive or limiting markings not authorized by this contract, the contracting officer may at any time either return the data to the contractor, or cancel or ignore the markings. However, the following procedures shall apply prior to canceling or ignoring the markings.

(i) The contracting officer shall make written inquiry to the contractor affording the contractor 30 days from receipt of the inquiry to provide written justification to substantiate the propriety of the markings;

(ii) If the contractor fails to respond or fails to provide written justification to substantiate the propriety of the markings within the 30-day period (or a longer time not exceeding 90 days approved in writing by the contracting officer for good cause shown, the Government shall have the right to cancel or ignore the markings at any time after said period and the data will not longer be made subject to any disclosure prohibitions.

(iii) If the contractor provides written justification to substantiate the propriety of the markings within the period set in subdivision (i) above, the contracting officer shall consider such written justification and determine whether or not the markings are to be canceled or ignore. If the contracting officer determines that the markings are authorized, the contractor shall be so notified in writing. If the contracting officer determines, with concurrence of the head of the contracti tivity, that the markings are not authorized, the contracting officer shall furnish the contractor a written determination, which determination shall become the final agency decision regarding the appropriateness of the markings unless the contractor files suit in a court of competent jurisdiction within 90 days of receipt of the contracting officer's decision. The Government shall continue to abide by the markings under this subdivision (iii) until final resolution of the matter either by the contracting officer's determination becoming final (in which instance the Government shall thereafter have the right to cancel or ignore the markings at any time and the data will no longer be made subject to any disclosure prohibitions), or by final disposition of the matter by court decision if suit is filed.

(2) The time limits in the procedures set forth in subparagraph (1) above may be modified in accordance with agency regulations implementing the Freedom of Information Act (5 U.S.C. 552) if necessary to respond to a request thereunder.

(3) This paragraph (e) does not apply if this contract is for a major system or for support of a major system by a civilian agency other than NASA and the U.S. Coast Guard subject to the provisions of Title III of the Federal Property and Administrative Services Act of 1949.

(4) Except to the extent the Government's action occurs as the result of final disposition of the matter by a court of competent jurisdiction, the contractor is not precluded by this paragraph (e) from bringing a claim under the Contract Disputes Act, including pursuant to the Disputes clause of this contract, as applicable, that may arise as the result of the Government removing or ignoring authorized markings on data delivered under this contract.

(f) Omitted or incorrect markings. (1) Data delivered to the Government without either the limited rights or restricted rights notice as authorized by paragraph (g) below, or the copyright notice required by paragraph (c) above, shall be deemed to have been furnished with unlimited rights, and the Government assumes no liability for disclosure, use, or reproduction of such data. However, to the extent the data has not been disclosed without restriction outside the Government, the Contractor may request, within 6 months (or a longer time approved by the Contracting Officer for good cause shown) after delivery of such data, permission to have notices placed on qualifying data at the Contractor's expense, and the Contracting Officer may agree to do so if the Contractor–

(i) Identifies the data to which the omitted notice is to be applied;

(ii) Demonstrates that the omission of the notice was inadvertent;

(iii) Establishes that the use of the proposed notice is authorized; and

(iv) Acknowledges that the Government has no liability with respect to the disclosure, use, or reproduction of any such data made prior to the addition of the notice or resulting from the omission of the notice.

(2) The Contracting Officer may also (i) permit correction at the Contractor's expense of incorrect notices if the Contractor identifies the data on which correction of the notice is to be made, and demonstrates that the correct notice is authorized, or (ii) correct any incorrect notices.

(g) Protection of limited rights data and restricted computer software. (1) When data other than that listed in subparagraphs (b)(1)(i), (ii), and (iii) above are specified to be delivered under this contract and qualify as either limited-rights data or restricted computer software, if the Contractor desires to continue protection of such data, the Contractor shall withhold such data and not furnish them to the Government under this Contract. As a condition to this withholding, the Contractor shall identify the data being withheld and furnish form, fit, and function data in lieu thereof. Limited rights data that are formatted as a computer data base for delivery to the Government is to be treated as limited rights data and not restricted computer software.

(2) [Reserved.]
(3) [Reserved.]

(h) Subcontracting. The Contractor has the responsibility to obtain from its subcontractors all data and rights therein necessary to fulfill the Contractor's obligations to the Government under this contract. If a sub-contractor refuses to accept terms affording the Government such rights, the Contractor shall promptly bring such refusal to the attention of the Contracting Officer and not proceed with subcontract award without further authorization.

(i) Relationship to patents. Nothing contained in this clause shall imply a license to the Government under any patent or be construed as affecting the scope of any license or other right otherwise granted to the Government.

(j) The Contractor agrees, except as may be otherwise specified in this contract for specific data items listed as not subject to this paragraph, that the Contracting Officer or an authorized representative may, up to three years after acceptance of all items to be delivered under this contract, inspect at the Contractor's facility any data withheld pursuant to paragraph (g) (1) above, for purposes of verifying the Contractor's assertion pertaining to the limited rights or restricted rights status of the data or for evaluating work performance. Where the Contractor whose data are to be inspected demonstrates to the Contracting Officer that there would be a possible conflict of interest if the inspection were made by a particular representative, the Contracting Officer shall designate an alternate inspector.

91. FAR 52.227-16 ADDITIONAL DATA REQUIREMENTS (JUN 1987)

NOTE: This clause does not apply to this contract if the contract is for the conduct of basic or applied research, as set out elsewhere in this contract, to be performed solely by a college or university, and the estimated cost is not in excess of $500,000.

(a) In addition to the data (as defined in the clause at 52.227-14, Rights in Data–General clause or other equivalent included in this contract) specified elsewhere in this contract to be delivered, the Contracting Officer may, at any time during contract performance or within a period of 3 years after acceptance of all items to be delivered under this contract, order any data first produced or specifically used in the performance of this contract.

(b) The Rights in Data–General clause or other equivalent included in this contract is applicable to all data ordered under this Additional Data Requirements clause. Nothing contained in this clause shall require the Contractor to deliver any data the withholding of which is authorized by the Rights in Data–General or other equivalent clause of this contract, or data which are specifically identified in this contract as not subject to this clause.

(c) When data are to be delivered under this clause, the Contractor will be compensated for converting the data into the prescribed form, for reproduction, and for delivery.

(d) The Contracting Officer may release the Contractor from the requirements of this clause for specifically identified data items at any time during the 3-year period set forth in (a) above.

92. FAR 52.227-23 RIGHTS TO PROPOSAL DATA (TECHNICAL) (JUN 1987)

Except for data contained on pages _____, it is agreed that as a condition of award of this contract, and notwithstanding the conditions of any notice appearing thereon, the Government shall have unlimited rights (as defined in the "Rights in Data–General" clause contained in this contract) in and to the technical data contained in the proposal dated _____, upon which this contract is based.